

(43)

Access DB#

87715

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Dennis Dorsey Examiner #: 74979 Date: 2/27/03
 Art Unit: 3637 Phone Number 306-9137 Serial Number: 09/771,724
 Mail Box and Bldg/Room Location: PK5 6X08 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Intermediate Anchorage For Concrete Structures
 Inventors (please provide full names): Alexander T. Wallstein

Earliest Priority Filing Date: 01/29/2001

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Looking for a teaching of tensioning the sheathed tendon without stripping away the sheathing
 Applying the tensioning device over the sheathed tendon

* Stripping away is the usual method

52/742.14
 e04b-001?
 e04g-021?
 " - 023?

STAFF USE ONLY

Searcher: EL Vespa - Jaly
 Searcher Phone #: 306-5967
 Searcher Location: ETC 3600
 Date Searcher Picked Up: 2/27/03
 Date Completed: 2/28/03
 Searcher Prep & Review Time: _____
 Clerical Prep Time: _____
 Online Time: _____

Type of Search

NA Sequence (#) _____
 AA Sequence (#) _____
 Structure (#) _____
 Bibliographic _____
 Litigation _____
 Fulltext _____
 Patent Family _____
 Other _____

Vendors and cost where applicable

STN _____
 Dialog _____
 Questel/Orbit _____
 Dr.Link _____
 Lexis/Nexis _____
 Sequence Systems _____
 WWW/Internet _____
 Other (specify) _____

February 28, 2003

Dear Examiner Dorsey -

Here are the results of your search request for case no. 09/771,724. If a modification or re-focus of the search is needed, please let me know.

A handwritten signature in cursive script, appearing to read "C. Wesner-Early".

Caryn S. Wesner-Early, MSLS
Technical Information Specialist
EIC 3600, US Patent & Trademark Office
Phone: (703) 306-5967
Fax: (703) 306-5758
caryn.wesner@uspto.gov

2show files/ds

File 348: EUROPEAN PATENTS 1978-2003/Feb W04

(c) 2003 European Patent Office

File 349: PCT FULLTEXT 1979-2002/UB=20030220, UT=20030213

(c) 2003 WIPO/Univentio

File 347: JAPIO Oct 1976-2002/Oct (Updated 030204)

(c) 2003 JPO & JAPIO

File 351: Derwent WPI 1963-2003/UD, UM & UP=200314

(c) 2003 Thomson Derwent

File 371: French Patents 1961-2002/BOPI 200209

(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	14	AU='WALLSTEIN':AU='WALLSTEIN A I'
S2	14	IDPAT (sorted in duplicate/non-duplicate order)
S3	12	IDPAT (primary/non-duplicate records only)

3/3,K/1 (Item 1 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

014495535 Image available
WPI Acc No: 2002-316238/200236
XRPX Acc No: N02-247475

Roof bolt has bolt shaft, threads fixed to bolt shaft, and cover
protectively enclosing threads

Patent Assignee: DYCKERHOFF & WIDMANN AG (DYCK)

Inventor: WALLSTEIN A I

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2353441	A1	20020126	CA 2353441	A	20010724	200236 B

Priority Applications (No Type Date): US 2000625658 A 20000726

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2353441	A1	E	16	E21D-021/02	

Inventor: WALLSTEIN A I

3/3,K/2 (Item 2 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

014358360 **Image available**
WPI Acc No: 2002-179061/200223
XRPX Acc No: N02-136186

Intermediate anchor sealing method for an unbonded post-tensioning
tendons in concrete slab reinforcement, using a tension holding wedge
placed in a wedge hole to grip the exposed portion of the tendon

Patent Assignee: DYCKERHOFF & WIDMANN AG (DYCH-N); WALLSTEIN A I (WALL-I)

Inventor: WALLSTEIN A I

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020007604	A1	20020124	US 2001771724	A	20010129	200223 B
CA 2355511	A1	20020729	CA 2355511	A	20010820	200263

Priority Applications (No Type Date): US 2001771724 A 20010129

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020007604	A1		7	E04B-001/00	
CA 2355511	A1	E		E04C-005/12	

Inventor: WALLSTEIN A I

3/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

01417359

Modular endoprosthesis with adjusting device and drill-guide
Modulare Endoprothese mit Justierwerkzeug und Bohrlehre
Endoprothese modulaire avec dispositif de reglage et guide de perage
PATENT ASSIGNEE:

Aesculap AG & Co. KG, (2345710), Am Aesculap-Platz, 78532 Tuttlingen,
(DE), (Applicant designated States: all)

INVENTOR:

Wallstein, Stefan, Karlstrasse 97, 78532 Tuttlingen, (DE)

LEGAL REPRESENTATIVE:

Bohme, Ulrich, Dr. Dipl.-Phys. (2282), Hoeger, Stellrecht & Partner
Uhlandstrasse 14c, 70182 Stuttgart, (DE)
PATENT (CC, No, Kind, Date): EP 1197182 A2 020417 (Basic)
EP 1197182 A3 020424
APPLICATION (CC, No, Date): EP 2001121133 010904;
PRIORITY (CC, No, Date): DE 10044702 000909
DESIGNATED STATES: CH; ES; FR; GB; IT; LI
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: A61B-017/17; A61F-002/46
TRANSLATED ABSTRACT WORD COUNT: 168
ABSTRACT WORD COUNT: 90
NOTE:

Figure number on first page: 1

LANGUAGE (Publication, Procedural, Application): German; German; German
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(German)	200216	236
SPEC A	(German)	200216	1363
Total word count - document A			1599
Total word count - document B			0
Total word count - documents A + B			1599

INVENTOR:

Wallstein , Stefan...

3/3,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

00508898

HEAT EXCHANGER.

WARMETAUSCHER.

ECHANGEUR DE CHALEUR.

PATENT ASSIGNEE:

WALLSTEIN, Dieter, (1276390), Kemnader Strasse 54, D-44795 Bochum, (DE),
(applicant designated states: AT;BE;CH;DE;FR;GB;IT;LI;NL)

INVENTOR:

WALLSTEIN , Dieter, Kemnader Strasse 54, D-44795 Bochum, (DE)

DITTMANN, Peter, Elvert 4, D-4408 Dulmen 3, (DE)

LEGAL REPRESENTATIVE:

Spalthoff, Adolf, Dipl.-Ing. et al (11242), Spalthoff, Adolf, Dipl.-Ing.
Lelgemann, Karl-Heinz, Dipl.-Ing., Postfach 34 02 20, D-45074 Essen,
(DE)

PATENT (CC, No, Kind, Date): EP 502158 A1 920909 (Basic)
EP 502158 B1 941214
WO 9205395 920402

APPLICATION (CC, No, Date): EP 91916799 910925; WO 91EP1826 910925

PRIORITY (CC, No, Date): DE 4030250 900925

DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IT; LI; NL

INTERNATIONAL PATENT CLASS: F28F-019/00; F28F-021/00;

NOTE:

No A-document published by EPO

LANGUAGE (Publication, Procedural, Application): German; German; German
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	897
CLAIMS B	(German)	EPBBF1	722
CLAIMS B	(French)	EPBBF1	921
SPEC B	(German)	EPBBF1	1441
Total word count - document A			0
Total word count - document B			3981
Total word count - documents A + B			3981

INVENTOR:
WALLSTEIN, Dieter...

3/3,K/5 (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00445759

HEAT EXCHANGER.

WÄRMETAUSCHER.

ECHANGEUR DE CHALEUR.

PATENT ASSIGNEE:

WALLSTEIN, Dieter, (1276390), Kemnader Strasse 54, D-44795 Bochum, (DE),
(applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;IT;LI;LU;NL;SE)

INVENTOR:

WALLSTEIN, Dieter, Paulinenstrasse 5, D-44799 Bochum, (DE)

LEGAL REPRESENTATIVE:

Spalthoff, Adolf, Dipl.-Ing. (11241), Patentanwälte, Dipl.-Ing. A.

Spalthoff, Dipl.-Ing. K. Lelgemann, Postfach 34 02 20, D-45074 Essen,
(DE)

PATENT (CC, No, Kind, Date): EP 411112 A1 910206 (Basic)

EP 411112 B1 940615

WO 9009555 900823

APPLICATION (CC, No, Date): EP 90904267 900219; WO 90EP267 900219

PRIORITY (CC, No, Date): DE 3905140 890220

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: F28D-021/00; F28F-021/00; F28F-019/00;

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): German; German; German

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS B	(English)	EPBBF1	441
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CLAIMS B	(German)	EPBBF1	333
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CLAIMS B	(French)	EPBBF1	484
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SPEC B	(German)	EPBBF1	1291
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Total word count - document A	0
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Total word count - document B	2549
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Total word count - documents A + B	2549
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INVENTOR:

WALLSTEIN, Dieter...

3/3,K/6 (Item 6 from file: 371)

000705972

Title: **ECHANGEUR DE CHALEUR A TUBES DE VERRE**

Patent Applicant/Assignee: LANGBEIN ENGELBRACHT GMBH CO KG

Inventor(s): DIETER **WALLSTEIN**

Legal Representative: CABINET PLASSERAUD

Document Type: Patent / Brevet

Patent and Priority Information (Country, Number, Date):

Patent: FR 2515329 - 19830429

Application: FR 8217922 - 19821026

Priority Application: DE 3142485 - 19811027

Legal Status (Type, Action Date, BOPI No, Description):

Publication	19830429	8317	Date published
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Search Report	19850614	8524	Date Search Report published
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Grant	19860404	8614	Date granted
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Inventor(s): DIETER **WALLSTEIN**

3/3,K/7 (Item 7 from file: 371)

000648946 **Image available**

Title: **DISTRIBUTEUR POUR SYSTEME A COMMANDE CENTRALISEE**

Patent Applicant/Assignee: CONSTRUCTIONS TELEPHONIQUES COMPAGNIE

Inventor(s): ANTOINE LEPENANT; CAROL DUMONT-LEPENANT; PATRICE BUTEZ; RENE WALLSTEIN ; PASCAL REYNAUD

Legal Representative: M GOUPIL

Document Type: Utility certificate / Certificat d'utilite

Patent and Priority Information (Country, Number, Date):

Patent: FR 2458197 - 19801226

Application: FR 7913778 - 19790530

Priority Application: FR 7913778 - 19790530

Legal Status (Type, Action Date, BOPI No, Description):

Publication 19801226 8052 Date published

Grant 19820402 8213 Date granted

Public Domain Public Domain

...Inventor(s): RENE WALLSTEIN ;

3/3,K/8 (Item 8 from file: 371)

000564814 **Image available**

Title: **RECEPTEUR DE SIGNAUX MULTIFREQUENCES**

Patent Applicant/Assignee: CONSTRUCTIONS TELEPHONIQUES COMPAGNIE

Inventor(s): XAVIER CHAVERON; MAURICE JEAN CLERC; RENE WALLSTEIN

Legal Representative: CIE GLE CONST TELEPHONIQUES

Document Type: Patent / Brevet

Patent and Priority Information (Country, Number, Date):

Patent: FR 2373926 - 19780707

Application: FR 7637291 - 19761210

Priority Application: FR 7637291 - 19761210

Legal Status (Type, Action Date, BOPI No, Description):

Publication 19780707 7827 Date published

Search Report 19800912 8037 Date Search Report published

Claim Mod Modified claim

Grant 19821210 8249 Date granted

Register TP 19890119 TP - Transfer of ownership N22112

Public Domain Public Domain

...Inventor(s): RENE WALLSTEIN

3/3,K/9 (Item 9 from file: 371)

000336769

Title: **Perfectionnements aux circuits imprimes**

Patent Applicant/Assignee: CONSTRUCTIONS TELEPHONIQUES COMPAGNIE

Inventor(s): Pierre Lapeyronnie; Bernard Roger Audiger; Rene Wallstein ;
Francois Jacques Saderne

Legal Representative: M GOUPIL

Document Type: Patent / Brevet

Patent and Priority Information (Country, Number, Date):

Patent: FR 2145746 - 19730223

Application: FR 7125149 - 19710709

Priority Application: FR 7125149 - 19710709

Legal Status (Type, Action Date, BOPI No, Description):

Publication 19730223 Date published

Grant 19730223 7308 Date granted

Register ZZ Inscription

Lapse 19780803 Date lapsed

...Inventor(s): Rene Wallstein ;

3/3,K/10 (Item 10 from file: 371)

000070218

Title: Obturateur selectif

Patent Applicant/Assignee: COMPAGNIE GENERALE DE CONSTRUCTIONS
TELEPHONIQUES

Inventor(s): R. J. Wallstein ; F. J. Saderne

Legal Representative: Y. Goupil

Document Type: Patent / Brevet

Patent and Priority Information (Country, Number, Date):

Patent: FR 1492866 - 19670717

Application: FR 1492866 - 19660405

Priority Application: FR 1492866 - 19660405

Legal Status (Type, Action Date, BOPI No, Description):

Publication 19670717 Date published

Grant 19670717 Date granted

Public Domain Public Domain

Inventor(s): R. J. Wallstein ;

3/3,K/11 (Item 11 from file: 371)

000062403

Title: Procede de realisation de matrices pour machines a composer
photographiques

Patent Applicant/Assignee: COMPAGNIE GENERALE DE CONSTRUCTIONS
TELEPHONIQUES

Inventor(s): R. J. Wallstein

Legal Representative: Y. Goupil

Document Type: Patent / Brevet

Patent and Priority Information (Country, Number, Date):

Patent: FR 1484717 - 19670508

Application: FR 1484717 - 19660413

Priority Application: FR 1484717 - 19660413

Legal Status (Type, Action Date, BOPI No, Description):

Publication 19670508 Date published

Grant 19670508 Date granted

Public Domain Public Domain

Inventor(s): R. J. Wallstein

3/3,K/12 (Item 12 from file: 371)

000062400

Title: Machine a composer photographique

Patent Applicant/Assignee: COMPAGNIE GENERALE DE CONSTRUCTIONS
TELEPHONIQUES

Inventor(s): R. J. Wallstein

Legal Representative: Y. Goupil

Document Type: Patent / Brevet

Patent and Priority Information (Country, Number, Date):

Patent: FR 1484714 - 19670508

Application: FR 1484714 - 19660408

Priority Application: FR 1484714 - 19660408

Legal Status (Type, Action Date, BOPI No, Description):

Publication 19670508 Date published

Grant 19670508 Date granted

Public Domain Public Domain

Inventor(s): R. J. Wallstein

?show files;ds

File 347:JAPIO Oct 1976-2002/Oct(Updated 030204)

(c) 2003 JPO & JAPIO

File 351:Derwent WPI 1963-2003/UD,UM &UP=200314

(c) 2003 Thomson Derwent

File 371:French Patents 1961-2002/BOPI 200209

(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	551743	TENSION??? OR TIGHT? OR STRETCH??? OR POSTTENSION? OR PRES-TRESS???
S2	52305	TENDON? ? OR TENON? ? OR GIRDER? ? OR STEEL() (CABLE? ? OR - WIRE? ? OR BAR OR BARS OR ROD OR RODS OR STRAND? ?)
S3	1506159	SHEATH??? OR CASING? ? OR ENCAS? OR COVER??? OR OVERLAYER? ? OR PROTECTIVE OR WRAP? ? OR WRAPP?
S4	30553	CORROSION(2N) (PROTECT? OR PREVENT? OR GUARD??? OR DEFEN? OR PRECAUTION?)
S5	2553736	STRIP OR STRIPPING OR REMOV??? OR PEEL OR PEELING OR PARE - OR PARING OR (TAKE OR TAKING OR CUT OR CUTTING) ()OFF OR ((GET OR GETTING) ()RID OR DISPOS???) ()OF OR ELIMINAT??? OR CLEAR??? OR DETACH??? OR UNDO???
S6	4871323	WITHOUT OR "NOT" OR ABSENT OR BARRING OR OMIT? ? OR OMITTI-NG OR "NO"
S7	1529163	S3 OR S4
S8	1046	S2(2N)S7
S9	46061	S6(2W)S5
S10	1307	S9(2N)S7
S11	26	S1(2N)S8
S12	144667	IC=(E04B-001? OR E04G-021? OR E04G-023?)
S13	10	S10 AND S12
S14	36	S11 OR S13
S15	36	IDPAT (sorted in duplicate/non-duplicate order)
S16	34	IDPAT (primary/non-duplicate records only)

16/3,K/1 (Item 1 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

014808922 **Image available**
WPI Acc No: 2002-629628/200268
XRAM Acc No: C02-177803
XRPX Acc No: N02-497716

Thermally protected and corrosion - protected tendon for post-tensioning system has concentric layers of corrosion-protective material, heat-resistive intumescent coating and protective plastic coating

Patent Assignee: VSL INT AG (VSLI-N)

Inventor: CRIGLER J R

Number of Countries: 026 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1207242	A2	20020522	EP 2001811016	A	20011016	200268 B

Priority Applications (No Type Date): US 2000715791 A 20001117

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 1207242 A2 E 7 E04C-005/08

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR

Thermally protected and corrosion - protected tendon for post-tensioning system has concentric layers of corrosion-protective material, heat-resistive intumescent coating and protective plastic...

16/3,K/2 (Item 2 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

014644920
WPI Acc No: 2002-465624/200250
XRAM Acc No: C02-132653
XRPX Acc No: N02-367038

Production of surface-covered wire rod and composition for surface covering has no sagged liquid and high productivity

Patent Assignee: SEKISUI CHEM IND CO LTD (SEKI)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002050249	A	20020215	JP 2000233308	A	20000801	200250 B

Priority Applications (No Type Date): JP 2000233308 A 20000801

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2002050249 A 5 H01B-013/06

Abstract (Basic):

... liquid to exhibit high productivity. The composition exhibits sufficient strength and elongation required for a **covering** material for **steel bars** for **Prestressed** Concrete. The composition is of a liquid shape, assuring easy handling, and has sufficient pot...

16/3,K/3 (Item 3 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

014358360 **Image available**
WPI Acc No: 2002-179061/200223
XRPX Acc No: N02-136186

Intermediate anchor sealing method for an unbonded post-tensioning tendons in concrete slab reinforcement, using a tension holding wedge placed in a wedge hole to grip the exposed portion of the tendon

Patent, Assignee: DYCHERHOFF & WIDMANN AG (DYCH-N); WALLSTEIN A I (WALL-I)

Inventor: WALLSTEIN A I

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020007604	A1	20020124	US 2001771724	A	20010129	200223 B
CA 2355511	A1	20020729	CA 2355511	A	20010820	200263

Priority Applications (No Type Date): US 2001771724 A 20010129

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020007604	A1		7	E04B-001/00	
CA 2355511	A1	E		E04C-005/12	

Abstract (Basic):

... joint, the tendon sheathing is cut circumferentially around the tendon in a wedge hole. The **sheathed tendon** is then **tensioned** to create an exposed portion of the tendon. A tension holding wedge (56) is placed...

16/3,K/4 (Item 4 from file: 351)

DIALOG(R)File 351:Derwent WPI

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014328785

WPI Acc No: 2002-149488/200220

XRAM Acc No: C02-046505

XRPX Acc No: N02-113332

Curable composition for application to surface of tendons for prestressed concrete, comprises epoxy resin and moisture-curing curing agent, and has specified tensioning-permitting time and normal temperature cure time

Patent Assignee: SUMITOMO ELECTRIC IND CO (SUME)

Inventor: HIROHATA T; KIYOSU K; OHGAKI Y; TAKAGAKI T; TOUDA Y; YOSHIOKA T

Number of Countries: 031 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1162224	A2	20011212	EP 2001304920	A	20010605	200220 B
CA 2349685	A1	20011205	CA 2349685	A	20010604	200220
US 20020011190	A1	20020131	US 2001873396	A	20010605	200220
CN 1327019	A	20011219	CN 2001120808	A	20010530	200226
JP 2002060465	A	20020226	JP 2000290674	A	20000925	200231
KR 2002002208	A	20020109	KR 200130940	A	20010602	200246

Priority Applications (No Type Date): JP 2000290674 A 20000925; JP 2000167991 A 20000605

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1162224	A2	E	18	C08G-059/40	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
CA 2349685	A1	E		C09D-163/02	
US 20020011190	A1			C04B-014/00	
CN 1327019	A			C09J-163/00	
JP 2002060465	A		12	C08G-059/56	
KR 2002002208	A			C08L-063/00	

Abstract (Basic):

... An INDEPENDENT CLAIM is included for a **sheath - covered tendon** for **prestressed** concrete having a structure which comprises the curable composition applied to the surface of the...

16/3,K/5 (Item 5 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

014201588 **Image available**
WPI Acc No: 2002-022285/200203
XRPX Acc No: N02-017656

Attachment structure for balcony handrail board involves screwing nut to projected end of rail bolt formed at end of prestressed concrete steel bar passing through sheath pipe and inserted into balcony hole
Patent Assignee: SUZUKI KK (SUZM)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
JP 2001288811 A 20011019 JP 2000103797 A 20000405 200203 B

Priority Applications (No Type Date): JP 2000103797 A 20000405
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 2001288811 A 4 E04B-001/00

... **handrail board involves screwing nut to projected end of rail bolt formed at end of prestressed concrete steel bar passing through sheath pipe and inserted into balcony hole**

16/3,K/6 (Item 6 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

014201587 **Image available**
WPI Acc No: 2002-022284/200203
XRPX Acc No: N02-017655

Replacement method for balcony handrail involves angle fixed-position board to one end of prestressed concrete steel bar passing through sheath pipe via joint nut such that board is fixed in hole of balcony
Patent Assignee: SUZUKI KK (SUZM)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
JP 2001288810 A 20011019 JP 2000103742 A 20000405 200203 B

Priority Applications (No Type Date): JP 2000103742 A 20000405
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 2001288810 A 3 E04B-001/00

Replacement method for balcony handrail involves angle fixed-position board to one end of prestressed concrete steel bar passing through sheath pipe via joint nut such that board is fixed in hole of balcony

16/3,K/7 (Item 7 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

013799702 **Image available**
WPI Acc No: 2001-283914/200130
XRPX Acc No: N01-202478

Connecting and tensioning device for steel cables comprises casing with channel into which threaded bolt attached to end of cable is inserted, spring steel washer in channel fitting over bolt and allowing it to be adjusted
Patent Assignee: KENDRION RSL GERMANY GMBH (KEND-N)

Inventor: RICHARD J; JOCHEN R
Number of Countries: 025 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1094243	A1	20010425	EP 2000121902	A	20001007	200130 B
DE 19951149	A1	20010613	DE 1051149	A	19991023	200134
DE 19951149	C2	20020508	DE 1051149	A	19991023	200233

Priority Applications (No Type Date): DE 1051149 A 19991023

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 1094243 A1 G 8 F16G-011/00

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GE GR IE IT

LI LT LU LV MC MK NL PT RO SE SI

DE 19951149 A1 F16G-011/12

DE 19951149 C2 F16G-011/12

Connecting and tensioning device for steel cables comprises casing with channel into which threaded bolt attached to end of cable is inserted, spring steel...

16/3,K/8 (Item 8 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

013581271

WPI Acc No: 2001-065478/200108

XRAM Acc No: C01-018566

XRPX Acc No: N01-049484

Hardenable composition for coating tendons for prestressed concrete giving good resistance to corrosion and heat

Patent Assignee: SUMITOMO ELECTRIC IND CO (SUME)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000281967	A	20001010	JP 9993595	A	19990331	200108 B

Priority Applications (No Type Date): JP 9993595 A 19990331

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2000281967 A 10 C09D-163/00

Abstract (Basic):

... An INDEPENDENT CLAIM is also included for a sheath - covered tendon for prestressed concrete where the surface of a tendon has been surface coated with (P1) and has...

16/3,K/9 (Item 9 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

013005890 **Image available**

WPI Acc No: 2000-177742/200016

XRPX Acc No: N00-132540

Ditch cover for decks in residential terrace and balcony has side boards, suspended from upper board parallel to which lower board is arranged

Patent Assignee: SEKISUI CHEM IND CO LTD (SEKI)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000027412	A	20000125	JP 98198879	A	1998071	200016 B

Priority Applications (No Type Date): JP 98198879 A 19980714

Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 2000027412 A 4 E04B-015/02

Abstract (Basic):

The ditch covers do not detach easily from the deck even during summer.

International Patent Class (Additional): E04B-001/00....

16/3,K/10 (Item 10 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

012725525 **Image available**

WPI Acc No: 1999-531638/199945

XRPX Acc No: N99-394358

Fire-resisting structure for pillar in building built in e.g. fire prevention region, semi-fire prevention region

Patent Assignee: SEKISUI CHEM IND CO LTD (SEKI); TOKYO SEKISUI HAIMU KENSETSU KK (TOKS-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11229524	A	19990824	JP 9828507	A	19980210	199945 B

Priority Applications (No Type Date): JP 9828507 A 19980210

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 11229524 A E04B-001/94

Abstract (Basic):

... Ensures that flexible fireproof covering material will not be removed and damaged even if the building unit vibrates during e.g. earthquake, transportation to the...

International Patent Class (Main): E04B-001/94

16/3,K/11 (Item 11 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

011964702 **Image available**

WPI Acc No: 1998-381612/199833

XRAM Acc No: C98-116143

XRPX Acc No: N98-298433

Anticorrosion means for exposed steel material in reinforced concrete or steel frame - consisting of polymer cement which is applied to surface of steel material

Patent Assignee: NIPPON KASEI KK (NIKS); TOKYU KENSETSU KK (TOKY-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10152906	A	19980609	JP 96325947	A	19961122	199833 B

Priority Applications (No Type Date): JP 96325947 A 19961122

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 10152906 A 5 E04B-001/64

...Abstract (Basic): placing joint against a newly reinforced concrete structure to form the new reinforcing bar structure without removing the covering .

International Patent Class (Main): E04B-001/64

16/3,K/12 (Item 12 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

011299110 **Image available**
WPI Acc No: 1997-277015/199725
XRPX Acc No: N97-229301

Protective cover for stairs used in architectural construction site - has counter-skid projections formed on outer surface of horizontal depressed piece for stair step board covering integrally formed to vertical piece for stair kicking board covering

Patent Assignee: KYOEI SHOJI KK (KYOE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9100631	A	19970415	JP 95260389	A	19951006	199725 B

Priority Applications (No Type Date): JP 95260389 A 19951006
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 9100631 A 4 E04G-021/30

...Abstract (Basic): light, economical and easy to handle when carried or installed to stairs. Stabilises use since **cover** does **not** easily **detach** from stairs. Prevents stairs from becoming dirty and being damage since dirt and oil easily...

International Patent Class (Main): E04G-021/30

16/3,K/13 (Item 13 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

010708149 **Image available**
WPI Acc No: 1996-205104/199621
XRAM Acc No: C96-065079
XRPX Acc No: N96-172036

Anchor in flat bottom cylinder type storage tank - with tensile force applied to steel wire before fixing it to storage tank side board through attaching portion

Patent Assignee: ISHII TEKKOSHO KK (ISHI-N)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8072982	A	19960319	JP 94229074	A	19940831	199621 B

Priority Applications (No Type Date): JP 94229074 A 19940831
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 8072982 A 7 B65D-090/12

...Abstract (Basic): tube, such that either terminations of it projects out from the either mouths of the **sheath** tube. The **steel wire** is **stretched** thereby making it to experience the tensile force. A pair of attaching portions are employed...

16/3,K/14 (Item 14 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

009209148
WPI Acc No: 1992-336570/199241

XRAM Acc No: C92-149747

Mfr. of rust proof covered prestressed concrete steel wire -
comprises arranging wires parallel to each other in bundle and covering
wires with thermal molten synthetic resin

Patent Assignee: TIMES ENG KK (TIME-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 4241182	A	19920828	JP 9114843	A	19910114	199241 B

Priority Applications (No Type Date): JP 9114843 A 19910114

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 4241182	A		5	D07B-001/16	

Mfr. of rust proof covered prestressed concrete steel wire -

16/3,K/15 (Item 15 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

008275991 **Image available**

WPI Acc No: 1990-162992/199021

XRPX Acc No: N90-126498

Protective tendon tensioning anchor assemblies - has anchor plate
with sealing cup and sealing ring providing corrosion protection

Patent Assignee: VSL CORP (VSLV-N)

Inventor: CRIGLER J; DAVIS E A; WATTS R L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4918887	A	19900424	US 87109471	A	19871014	199021 B

Priority Applications (No Type Date): US 87109471 A 19871014

Protective tendon tensioning anchor assemblies...

16/3,K/16 (Item 16 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

008133075

WPI Acc No: 1990-020076/199003

XRAM Acc No: C90-008899

XRPX Acc No: N90-015280

Forming prestressed concrete steel bar with heat shrinkable tube -
involves initially melt welding tube and end screw parts only to allow
escape of air

Patent Assignee: SUMITOMO ELECTRIC IND CO (SUME)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 1301230	A	19891205	JP 87308406	A	19871205	199003 B

Priority Applications (No Type Date): JP 87308406 A 19871205

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 1301230	A		3		

...Abstract (Basic): A prestressed concrete(PC) steel bar is covered
with a heat shrinkable tube without bonding them together by inserting
a PC steel bar...

16/3,K/17 (Item 17 from file: 351)
DIALOG(R) File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

004639518
WPI Acc No: 1986-142861/198622
XRPX Acc No: N86-105655

Reinforced concrete pressure pipe - has spiral ribs pitch equal to 0.6-0.7 of pipe dia. and ribs connected by cover concave surfaces

Patent Assignee: GLAVMOSFROMSTROIMAT (GLAV-R)
Inventor: MARHSHUNOV I S; SEDUNOV V Y A; ZEILIKMAN A Z
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SU 1188436	A	19851030	SU 3765727	A	19840703	198622 B

Priority Applications (No Type Date): SU 3765727 A 19840703

Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
SU 1188436 A 2

...Abstract (Basic): Pipe wall (1) is reinforced with **prestressed steel rods** (2). Concrete **cover** (3) is made with spiral ribs (4) whose pitch is equal to 0.6-0...

16/3,K/18 (Item 18 from file: 351)
DIALOG(R) File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

004592216
WPI Acc No: 1986-095560/198615
XRAM Acc No: C86-040658
XRPX Acc No: N86-070041

Protecting tendon of tension leg platform against fatigue corrosion - through insulative, corrosion-protection coating having good damage resistance and galvanic current anode attachment

Patent Assignee: NIPPON STEEL CORP (YAWA)
Inventor: KAWAI M; KAWAKAMI M; MICHISHITA T; TAKESHI Y; TANIGUCHI Y;
YOSHIDA K

Number of Countries: 006 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 177197	A	19860409	EP 85306356	A	19850906	198615 B
JP 61119690	A	19860606	JP 84241950	A	19841116	198629
US 4614461	A	19860930	US 85772743	A	19850905	198642
JP 88025074	B	19880524				198824
EP 177197	B	19881019				198842
DE 3565696	G	19881124				198848
JP 61064594	A	19860402				199029
JP 90028514	B	19900625	JP 84186564	A	19840907	199029

Priority Applications (No Type Date): JP 84241950 A 19841116; JP 84186564 A 19840907

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
EP 177197 A E 26
Designated States (Regional): DE FR GB IT
EP 177197 B E
Designated States (Regional): DE FR GB IT

...Abstract (Basic): USE/ADVANTAGE - Electrical **corrosion - protection** for the **tendon** of a **tension** leg platform. Fatigue corrosion is reduced so that tendon service life is increased. (26pp Dwg...

16/3,K/19 (Item 19 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

004502822
WPI Acc No: 1986-006166/198601
XRAM Acc No: C86-002855
XRPX Acc No: N86-004429

Corrosion-resistant sheath for tendons in post-tensioning of concrete - comprising metal tube coated with phosphate layers, polyepoxy resin layer(s) and, on inner surface of tube, a ptfe of solid lubricant

Patent Assignee: JAPAN NAT RAILWAY (JAPN); OILESS IND CO LTD (OILE)

Inventor: ABE W; KITTA T

Number of Countries: 002 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4557087	A	19851210	US 83528423	A	19830901	198601 B
JP 59044458	A	19840312	JP 82153368	A	19820904	198729
JP 59114360	A	19840702				198729
JP 87029581	B	19870626	JP 82219322	A	19821216	198729
JP 87029582	B	19870626				198729

Priority Applications (No Type Date): JP 82219322 A 19821216; JP 82153368 A 19820904

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4557087	A		6		

Corrosion-resistant sheath for tendons in post-tensioning of concrete...

16/3,K/20 (Item 20 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

003549573
WPI Acc No: 1982-97570E/198246

Prestressed anchor esp. rock anchor has carbon fibre tendon - encased in soft protective plastics foam sleeve

Patent Assignee: COMPERNASS J (COMP-I)

Inventor: COMPERNASS J

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3116619	A	19821111				198246 B
DE 3116619	C	19830728				198331

Priority Applications (No Type Date): DE 3116619 A 19810427

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3116619	A		9		

...Abstract (Basic): element by a carbon fibre wrapped around these two elements numerous times to constitute the **prestressing tendon**. This **tendon** is **encased** in a protective sleeve of plastics foam which permits free longitudinal movement of the tendon...

16/3,K/21 (Item 21 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

003258281

WPI Acc No: 1982-B0949J/198250

Steel wire locking tension casing - has segments locked by wedge
effect in housing, with inner grip parts

Patent Assignee: MIETTINEN E (MIET-I)

Inventor: TOLKKO E

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SE 8103276	A	19821101				198250 B
NO 8101729	A	19821025				198246

Priority Applications (No Type Date): FI 811030 A 19810403

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
SE 8103276	A		7		

Steel wire locking tension casing -

16/3,K/22 (Item 22 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

003098993

WPI Acc No: 1981-K9041D/198142

Folding fabricated girder - has cross-shaped sections joined by crosses
and hinged to them tension adjusting spring boxes for controlling girders
prestress

Patent Assignee: MAGN METAL MINING (MAME-R)

Inventor: AMELKIN G I; FOMIN V I

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SU 798253	B	19810123				198142 B

Priority Applications (No Type Date): SU 2734281 A 19790311

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
SU 798253	B		5		

...Abstract (Basic): girder is extended, the rods (7) connected to the
crosses and by screwing the box covers (11) the girder is
tensioned to a required degree of prestress. Bul. 3/23.1.81. (5pp
Dwg.No.8)

16/3,K/23 (Item 23 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

002559233

WPI Acc No: 1980-77258C/198044

Thermally insulating sheet for external coating of buildings etc - using
glass or mineral fibre laminated strips mounted on fabric grid to
facilitate assembly

Patent Assignee: IHLEFELD K H (IHLE-I)

Inventor: IHLEFELD K H

Number of Countries: 011 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 2915977	A	19801023				198044 B
EP 17969	A	19801029				198045
EP 17969	B	19860219				198608
DE 3071426	G	19860327				198614

Priority Applications (No Type Date): DE 2915977 A 19790420

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 17969 A G

Designated States (Regional): AT BE CH DE FR GB IT LI LU NL SE

EP 17969 B G

Designated States (Regional): AT BE CH DE FR GB IT LI LU NL SE

...Abstract (Basic): by an adhesive which is only applied to the threads of the fabric and does **not cover** the **strip** surface situated in the openings of the mesh. The assembly can be stored as panels...

...International Patent Class (Additional): **E04B-001/76**

16/3,K/24 (Item 24 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

001630958

WPI Acc No: 1976-65390X/197635

Fencing sword blade - comprises glass polyester core with stretched woven stainless steel wire tubular covering bonded to core

Patent Assignee: PAUL EQUIP CO LTD (PAUL-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 1447703	A	19760825				197635 B

Priority Applications (No Type Date): GB 74909 A 19740108

... **comprises glass polyester core with stretched woven stainless steel wire tubular covering bonded to core**

16/3,K/25 (Item 25 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

001299714

WPI Acc No: 1975-J3631W/197533

Control console coupling for governor control - has removable interconnection between lever and shaft to allow casing installation

Patent Assignee: CATERPILLAR TRACTOR CO (CATE)

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 3897693	A	19750805				197533 B
GB 1469324	A	19770406				197714

Priority Applications (No Type Date): US 73364940 A 19730529

...Abstract (Basic): control lever, to allow a sound-suppressive casing to be installed about the first-mentioned **casing without removing** of the shaft. The side of the enclosure is left free of any protrusion which...

...International Patent Class (Additional): **E04B-001/99**

16/3,K/26 (Item 26 from file: 347)

DIALOG(R)File 347:JAPIO

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07192991

****Image available****

PROTECTIVE MATERIAL FOR CORROSION PREVENTION FOR EXPOSED REINFORCEMENT

PUB. NO.: 2002-061392 [JP 2002061392 A]
PUBLISHED: February 28, 2002 (20020228)
INVENTOR(s): HASEGAWA KOHEI
APPLICANT(s): TOMOE ENGINEERING CO LTD
APPL. NO.: 2000-250673 [JP 2000250673]
FILED: August 22, 2000 (20000822)

INTL CLASS: E04G-021/24 ; C23F-011/00

ABSTRACT

... corrosion preventing work of the exposed reinforcement projected from a structure and providing a sufficient corrosion preventive effect without removing it after the work.

SOLUTION: The protective material A for corrosion prevention for the exposed...

16/3,K/27 (Item 27 from file: 347)

DIALOG(R)File 347:JAPIO

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07020684 **Image available**

CONSTRUCTION METHOD AND BUILDING

PUB. NO.: 2001-248316 [JP 2001248316 A]
PUBLISHED: September 14, 2001 (20010914)
INVENTOR(s): KONAKAWA NORIFUMI
APPLICANT(s): KONAKAWA NORIFUMI
APPL. NO.: 2000-104225 [JP 2000104225]
FILED: March 01, 2000 (20000301)

INTL CLASS: E04G-023/02 ; E04G-023/03

ABSTRACT

... a construction method for extending upward an existing building constructed in an upper-limit building coverage without removing the whole building to form a two- or three-storied building while living in the ...

16/3,K/28 (Item 28 from file: 347)

DIALOG(R)File 347:JAPIO

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06954505 **Image available**

ANCHOR TENDON STRUCTURE FOR DOUBLE RUST PREVENTIVE TYPE PERMANENT ANCHOR

PUB. NO.: 2001-182057 [JP 2001182057 A]
PUBLISHED: July 03, 2001 (20010703)
INVENTOR(s): KAMIJO SETSUO
 NOGUCHI HIDEKI
 FUKAI MASAYOSHI
 NISHIKAWA KAZUHIKO
 NARITA KAZUHITO
APPLICANT(s): VSL JAPAN KK
 KOWA SANGYO KK
 MORIYA KOKI KK
APPL. NO.: 11-369279 [JP 99369279]
FILED: December 27, 1999 (19991227)

ABSTRACT

...and a grout function.

SOLUTION: A tip side uncovered part 11 of a partially unbonded prestressed concrete steel strand 12 is covered with a rust preventive pipe 14 of corresponding length, and the tip part and rear...

16/3,K/29 (Item 29 from file: 347)
DIALOG(R)File 347:JAPIO
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06459883 **Image available**

CORROSION PREVENTION STEEL WIRE TENSION MEMBER

PUB. NO.: 2000-045457 [JP 2000045457 A]
PUBLISHED: February 15, 2000 (20000215)
INVENTOR(s): DIETER JUNGWIRTH
ERICH RICHALTS
LEO WELD
WERNER LEMPE
VOLKER MUELLER
APPLICANT(s): DYCKERHOFF & WIDMANN AG
DWK DRAHTWERK KOELN GMBH
APPL. NO.: 11-209613 [JP 99209613]
FILED: July 23, 1999 (19990723)
PRIORITY: 19833332 [DE 19833332], DE (Germany), July 24, 1998
(19980724)

CORROSION PREVENTION STEEL WIRE TENSION MEMBER

16/3,K/30 (Item 30 from file: 347)
DIALOG(R)File 347:JAPIO
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06199496

COVERED STEEL WIRE EXCELLENT IN CORROSION RESISTANCE

PUB. NO.: 11-141052 [JP 11141052 A]
PUBLISHED: May 25, 1999 (19990525)
INVENTOR(s): YUASA KENSHO
MIYAUCHI YUJIRO
KANAI HIROSHI
APPLICANT(s): NIPPON STEEL CORP
APPL. NO.: 09-310237 [JP 97310237]
FILED: November 12, 1997 (19971112)

ABSTRACT

...by leading a functional group with polarity into the molecular structure of polyolefine resin for covering a steel wire for prestressed concrete.

SOLUTION: The surface of the element wire or stranded wire of a steel wire ...

16/3,K/31 (Item 31 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

06151833 **Image available**

COVERING SYNTHETIC ALC EARTHQUAKE RESISTING REPAIRING METHOD

PUB. NO.: 11-093374 [JP 11093374 A]
PUBLISHED: April 06, 1999 (19990406)
INVENTOR(s): TANAKA KATSUHIRO
APPLICANT(s): WIN KK

APPL. NO.: 09-267809 [JP 97267809]
FILED: September 13, 1997 (19970913)
INTL CLASS: E04F-013/08; E04G-023/02

ABSTRACT

an earthquake resisting repairing method to perform to perform joining through covering with a fresh covering material without removing the existing deteriorated ALC outer wall (a high temperature and pressure-cured light cellular concrete)...

16/3,K/32 (Item 32 from file: 347)

DIALOG(R) File 347:JAPIO

(c) 2003 JPO & JAPIO. All rts. reserv.

05627501 **Image available**

PILOTIS COLUMN OF RESIDENCE

PUB. NO.: 09-242301 [JP 9242301 A]
PUBLISHED: September 16, 1997 (19970916)
INVENTOR(s): GOTO YOJI

KANEYASU KENTARO

APPLICANT(s): SEKISUI HOUSE LTD [400217] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 08-049998 [JP 9649998]
FILED: March 07, 1996 (19960307)

INTL CLASS: E04F-013/08; E04B-001/00 ; E04C-003/36

ABSTRACT

PROBLEM TO BE SOLVED: To simply exchange a decorative cover without removing the whole column at the time of damage by dividing the decorative cover of a...

16/3,K/33 (Item 33 from file: 347)

DIALOG(R) File 347:JAPIO

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03271511 **Image available**

MANUFACTURE OF STEEL WIRE COVERED WITH CORROSION RESISTING ZINC ALLOY

PUB. NO.: 02-247011 [JP 2247011 A]
PUBLISHED: October 02, 1990 (19901002)
INVENTOR(s): TAKAZAWA HISAYOSHI

MIYAKE YASUHIKO

ONUKI MITSUAKI

YAMAGUCHI KENJI

SUGINUMA SATOSHI

APPLICANT(s): HITACHI CABLE LTD [000512] (A Japanese Company or Corporation), JP (Japan)

NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 01-066557 [JP 8966557]
FILED: March 17, 1989 (19890317)

JOURNAL: Section: M, Section No. 1061, Vol. 14, No. 572, Pg. 70,
December 19, 1990 (19901219)

ABSTRACT

...of Al, Sn at a specified temperature and in a specified extrusion ratio, with forward tension around the steel wire and covering the steel wire .

16/3,K/34 (Item 34 from file: 347)
DIALOG(R) File 347: JAPIO.
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03242024 **Image available**
RETAINING WALL AND ITS CONSTRUCTING METHOD

PUB. NO.: 02-217524 [JP 2217524 A]
PUBLISHED: August 30, 1990 (19900830)
INVENTOR(s): OGAWA KATSUMASA
NAKAGAWA SEIICHI
APPLICANT(s): FUJITA CORP [366436] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 01-038423 [JP 8938423]
FILED: February 20, 1989 (19890220)
JOURNAL: Section: M, Section No. 1048, Vol. 14, No. 519, Pg. 25,
November 14, 1990 (19901114)

ABSTRACT

... being generated on PC steel wires and reduce the construction cost of retaining walls by **stretching** PC **steel** **wire** anchors **covering sheathed** pipes, between the rise wall sections of reversed T-type retaining walls and a bottom...


```

?show files;ds
File 111:TGG Natl. Newspaper Index(SM) 1979-2003/Feb 26
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File 118:ICONDA-Intl Construction 1976-2003/Feb
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File 144:Pascal 1973-2003/Feb W3
(c) 2003 INIST/CNRS
File 323:RAPRA Rubber & Plastics 1972-2003/Feb
(c) 2003 RAPRA Technology Ltd

```

Set	Items	Description
S1	840643	TENSION??? OR TIGHT? OR STRETCH??? OR POSTTENSION? OR PRES-TRESS???
S2	119583	TENDON? ? OR TENON? ? OR GIRDER? ? OR STEEL() (CABLE? ? OR - WIRE? ? OR BAR OR BARS OR ROD OR RODS OR STRAND? ?)
S3	1299780	SHEATH??? OR CASING? ? OR ENCAS? OR COVER??? OR OVERLAYER? ? OR PROTECTIVE OR WRAP? ? OR WRAPP?
S4	69224	CORROSION(2N) (PROTECT? OR PREVENT? OR GUARD??? OR DEFEN? OR PRECAUTION?)
S5	2336670	STRIP OR STRIPPING OR REMOV??? OR PEEL OR PEELING OR PARE - OR PARING OR (TAKE OR TAKING OR CUT OR CUTTING)()OFF OR ((GET OR GETTING)()RID OR DISPOS???)()OF OR ELIMINAT??? OR CLEAR??? OR DETACH??? OR UNDO???
S6	9987801	WITHOUT OR "NOT" OR ABSENT OR BARRING OR OMIT? ? OR OMITTING OR "NO"
S7	1347267	S3 OR S4
S8	2272	S2(2N)S7
S9	112843	S6(2W)S5
S10	242	S9(2N)S7
S11	77	S1(2N)S8
S12	0	S11(5W)S10
S13	0	S11 AND S10
S14	434	S9(5N)S7
S15	99	S1(5N)S8
S16	0	S15(10W)S14
S17	0	S14 AND S15
S18	0	S11(S)S5
S19	5	S5 AND S11
S20	6	S11 AND OVER
S21	181504	S6(5N)S5
S22	817	S21(5N)S7
S23	0	S11(S)S22
S24	0	S11 AND S22

S25	0	S9(S)S11
S26	0	S9 AND S15
S27	136743	S6(5W)S5
S28	0	S15 AND S27
S29	76	S11 NOT PY>2001
S30	74	S29 NOT PD=20010130:20030331
S31	67	RD (unique items)

31/3,K/1 (Item 1 from file: 2)
DIALOG(R)File: 2:INSPEC
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

03927501 INSPEC Abstract Number: A91089992

Title: Effectiveness of inservice inspection requirements of prestressed concrete containments US experience

Author(s): Ashar, H.; Jeng, D.

Author Affiliation: US Nucl. Regulatory Comm., Office of Nucl. Reactor Regulation, Washington, DC, USA

Conference Title: Second International Conference on Containment Design and Operation Proceedings p.14 pp.

Editor(s): Lawrence, S.R.

Publisher: Canadian Nucl. Soc, Toronto, Ont., Canada

Publication Date: 1990 Country of Publication: Canada 2 vol. 1222 pp.

Conference Date: 14-17 Oct. 1990 Conference Location: Toronto, Ont., Canada

Language: English

Subfile: A

...Abstract: provisions of the inspections. It describes briefly the provisions developed for inspecting the containments whose **prestressing tendons** are **protected** from **corrosion** by means of cement grout. It describes the effectiveness of these provisions in terms of...

31/3,K/2 (Item 1 from file: 6)
DIALOG(R)File 6:NTIS
(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts. reserv..

1393508 NTIS Accession Number: PB88-243589

Review and Analysis of Effects of Coastal Environment on Concrete Highway Bridges

(Final rept)

Jurach, P. J.

California State Dept. of Transportation, Sacramento.

Corp. Source Codes: 040609000

Sponsor: Federal Highway Administration, Sacramento, CA. California Div.

Report No.: FHWA/CA/SD-87/05

Jun 87 91p

Languages: English

Journal Announcement: GRAI8823

Sponsored by Federal Highway Administration, Sacramento, CA. California Div.

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A05/MF A01

Identifiers: Concrete cover ; Prestress tendons ; NTISDOTFHA

31/3,K/3 (Item 2 from file: 6)
DIALOG(R)File 6:NTIS
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1038157 NTIS Accession Number: PB83-203661

Effect of Transverse Strand Extensions on the Behavior of Precast Prestressed Panel Bridges

(Research rept. (Final))

Bieschke, L. A. ; Klingner, R. E.

Texas Univ. at Austin. Center for Transportation Research.

Corp. Source Codes: 043127093

Sponsor: Federal Highway Administration, Austin, TX. Texas Div.; Texas

State Dept. of Highways and Public Transportation, Austin.

Report No.: CTR-3-5-80-303-1F; FHWA/TX-82/18-303-1F

Jun 82 117p

Languages: English

Journal Announcement: GRAI8317

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A06/MF A01

... on a full-scale bridge specimen constructed using prestressed precast panels placed on top of **prestressed** precast **girders** and covered with a cast-in-place bridge deck. The north half had panels with transverse prestressing...

31/3,K/4 (Item 3 from file: 6)

DIALOG(R)File 6:NTIS

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0773169 NTIS Accession Number: ORNL/TM-6478/XAB

Structural Model Testing for Prestressed Concrete Pressure Vessels: A Study of Grouted Vs Nongrouted Posttensioned Prestressing Tendon Systems

Naus, D. J.

Oak Ridge National Lab., TN.

Corp. Source Codes: 4832000

Sponsor: Department of Energy.

Apr 79 192p

Languages: English

Journal Announcement: GRAI7921; NSA0400

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A09/MF A01

... on the behavior of grouted tendon system, (2) establish performance histories for structures utilizing grouted **tendons**, (3) examine **corrosion protection** procedures for **prestressing** tendons, (4) identify arguments for and against using grouted tendons, and (5) aid in the...

31/3,K/5 (Item 4 from file: 6)

DIALOG(R)File 6:NTIS

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0296582 NTIS Accession Number: PB-204 153/XAB

The Use of Rock Bolts or Wire Rope to Increase the Strength of Fractured Model Pillars

(Rept. of investigation)

Horino, F. G. ; Duvall, W. I. ; Brady, B. T.

Bureau of Mines, Denver, Colo. Denver Minning Research Center.

Report No.: BM-RI-7568

1971 30p

Journal Announcement: GRAI7201

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A03/MF A01

... tensioned rock bolts through the pillar and normal to the plane of weakness, or (2) **wrapping** **tensioned** **steel** **wire** ropes around the

pillar at uniform spaced intervals along the pillar. The effect of installing...

31/3,K/6 (Item 1 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

06020371 E.I. No: EIP02116887198

Title: Influence of cover on bond of strands prestressed by pretensioning

Author: do Carmo, Ricardo N.F.; Lopes, Sergio M.R.

Corporate Source: Department of Civil Engineering F.C.T.U.C. - Polo II
University of Coimbra, Coimbra 3030-290, Portugal

Source: Canadian Journal of Civil Engineering v 28 n 6 Decmber 2001. p
938-948

Publication Year: 2001

CODEN: CJCEB8 ISSN: 0315-1468

Language: English

Abstract: **Cover of prestressed tendons** is an important factor that influences the transmission of prestress by bond. This paper describes...

31/3,K/7 (Item 2 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

04107220 E.I. No: EIP95032619403

Title: Post-tensioning tendons after 35 years

Author: Schupack, Morris

Corporate Source: Schupack Suarez Engineers, Inc, Norwalk, CT, USA

Source: Concrete International v 16 n 3 Mar 1994. p 50-54

Publication Year: 1994

CODEN: CIDCD2 ISSN: 0162-4075

Language: English

Identifiers: Post **tensioning tendons** ; Grouts; Plastic sheath

31/3,K/8 (Item 3 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

03619189 E.I. No: EIP92060518795

**Title: Rehabilitating parking structures with corrosion-damaged
button-headed post-tensioning tendons**

Author: Nehil, Thomas E.

Corporate Source: Nehil Sivak, Kalamazoo, MI, USA

Source: Concrete International: Design and Construction v 14 n 3 Mar
1992. p 24-30

Publication Year: 1992

CODEN: CIDCD2 ISSN: 0162-4075

Language: English

Identifiers: Corrosion damaged button headed post **tensioning tendons** ;
Paper **wrapped** wire system

31/3,K/9 (Item 4 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

03391677 E.I. Monthly No: EI9203029399

**Title: Stress at ultimate in unbonded post-tensioning tendons. Part 2.
Proposed methodology.**

Author: Naaman, Antoine E.; Alkhairi, Fadi M.
Corporate Source: Univ of Michigan, Ann Arbor, MI, USA
Source: ACI Structural Journal (American Concrete Institute) v 88 n 6
Nov-Dec 1991 p 683-692
Publication Year: 1991
CODEN: ASTJEG ISSN: 0889-3241
Language: English

...Abstract: the second part, the background for a new rational methodology for the analysis of beams **prestressed** with unbonded tendons is **covered**, and a new prediction equation for $f/p/s$ at ultimate is developed. The equation...

31/3,K/10 (Item 5 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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03359056 E.I. Monthly No: EI9201000795

Title: **Stress at ultimate in unbonded post-tensioning tendons. Part 1. Evaluation of the state-of-the-art.**

Author: Naaman, Antoine E.; Alkhairi, Fadi M.

Corporate Source: Univ of Michigan, Ann Arbor, MI, USA

Source: ACI Structural Journal (American Concrete Institute) v 88 n 5
Sep-Oct 1991 p 641-651

Publication Year: 1991

CODEN: ASTJEG ISSN: 0889-3241

Language: English

...Abstract: part of this study, the background for a new rational methodology for analysis of beams **prestressed** with unbonded **tendons** is **covered** and a new prediction equation for $f/p/s$ at ultimate is developed. The equation...

31/3,K/11 (Item 6 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

03033684 E.I. Monthly No: EI9103023912

Title: **Prestressed bridges and marine environment.**

Author: Novokshchenov, Vladimir

Source: Journal of Structural Engineering v 116 n 11 Nov 1990 p 3191-3205

Publication Year: 1990

CODEN: JSENDH ISSN: 0733-9445

Language: English

...Abstract: of concrete, thickness of concrete cover, quality of grouting, as well as the type of **sheathing** in **prestressing tendons**. (Author abstract) 10 Refs.

31/3,K/12 (Item 7 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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02665571 E.I. Monthly No: EI8811104631

Title: **UNBONDED SINGLE STRAND POST-TENSIONING TENDON DETAILS.**

Author: Schupack, Morris

Corporate Source: Schupack Suarez Engineers Inc, South Norwalk, CT, USA

Source: Concrete Construction v 33 n 7 Jul 1988 p 668-670

Publication Year: 1988

CODEN: CCCNAJ ISSN: 0010-5333

Language: English

Identifiers: POST-TENSIONING; UNBONDED PRESTRESSING TENDONS;
SINGLE-STRAND TENDONS ; ANCHORAGES; PLASTIC SHEATHS ; POST- TENSIONED
STRUCTURES

31/3,K/13 (Item 8 from file: 8)
DIALOG(R)File 8:EI Compendex(R)
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02589792 E.I. Monthly No: EI8806050923

Title: EFFECTS OF TRANSVERSE PANEL STRAND EXTENSIONS ON THE BEHAVIOR OF
PRECAST PRESTRESSED PANEL BRIDGES.

Author: Klingner, Richard E.; Bieschke, Lee A.

Corporate Source: Univ of Texas at Austin, USA

Source: PCI Journal (Prestressed Concrete Institute) v 33 n 1 Jan-Feb
1988 p 68-88

Publication Year: 1988

CODEN: PCIJEE ISSN: 0887-9672

Language: English

...Abstract: on a full scale bridge specimen constructed using precast
prestressed concrete panels placed over precast prestressed girders ,
and covered with a cast-in-place bridge deck. The major objective was to
determine if the...

31/3,K/14 (Item 9 from file: 8)
DIALOG(R)File 8:EI Compendex(R)
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01762203 E.I. Monthly No: EI8506048231 E.I. Yearly No: EI85077341

Title: Design of Permanent Marine Structures in Order to Avoid
Deterioration.

Title: DISEÑO DE ESTRUCTURAS MARINAS PERMANENTES PARA EVITAR EL
DETERIORO.

Author: Schupack, M.

Corporate Source: Schupack Suarez Engineers Inc

Source: Revista IMCYC (Instituto Mexicano del Cemento y del Concreto) v
22 n 161 Sep 28 1984 p 23-33

Publication Year: 1984

CODEN: RICYAL

Language: SPANISH

Identifiers: BEAMS LONG TERM OBSERVATIONS; POST- TENSIONING TENDON
PROTECTION ; CORROSION PREVENTION MEASURES

31/3,K/15 (Item 10 from file: 8)
DIALOG(R)File 8:EI Compendex(R)
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01604706 E.I. Monthly No: EI8412131564 E.I. Yearly No: EI84051297

Title: Corrosion Protection for Prestressing Tendon Anchorages in
Underground Construction.

Title: KORROSIONSSCHUTZ FUER SPANNANKER BEIM UNTERIRDISCHEN BAUEN.

Author: Hahn, Eckart

Corporate Source: Denso-Chemie Wedekind KG, Leverkusen, West Ger

Source: Bautechnik, Ausgabe A v 60 n 12 Dec 1983 p 415-421

Publication Year: 1983

CODEN: BTAABB ISSN: 0341-1052

Language: GERMAN

Title: Corrosion Protection for Prestressing Tendon Anchorages in
Underground Construction.

31/3,K/16 (Item 11 from file: 8)
DIALOG(R)File 8:EI Compendex(R)
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00980745 E.I. Monthly No: EI8101003252 E.I. Yearly No: EI81037376

Title: Flat-slab Floor with Unbonded Partial Prestressing.
Title: FLACHDECKE MIT TEILWEISER VORSPANNUNG OHNE VERBUND.
Author: Gerber, Christian; Oezgen, Erkut
Source: Beton - und Stahlbetonbau v 75 n 6 Jun 1980 p 129-132
Publication Year: 1980
CODEN: BESTAI **ISSN:** 0005-9900
Language: GERMAN

Abstract: A flat-slab floor has been built with partial **prestressing** using unbonded **tendons** . Plastic- **sheathed** greased 0. 6 in. diameter strands were employed. The floor slab, 35 cm thick, comprises...

31/3,K/17 (Item 12 from file: 8)
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00723999 E.I. Monthly No: EI7806039785 E.I. Yearly No: EI78009442

Title: DESIGN OF SEGMENTAL BRIDGES.
Author: Breen, John E.; Ballinger, Craig A.
Source: Public Roads v 41 n 4 Mar 1978 p 172-180
Publication Year: 1978
CODEN: PUROAQ **ISSN:** 0033-3735
Language: ENGLISH

Abstract: The paper reviews the current state of the art for the design of segmental **prestressed** concrete box **girder** bridges and **covers** substructure design, specifications, construction techniques, and materials considerations; followed by a description of the current...

31/3,K/18 (Item 13 from file: 8)
DIALOG(R)File 8:EI Compendex(R)
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00493641 E.I. Monthly No: EI7511073617 E.I. Yearly No: EI75030893

Title: PRESTRESSED CONCRETE FOUNDATIONS AND GROUND ANCHORS.
Author: Maxwell-Cook, Paul V. (Ed.)
Source: Prestressed Concr Found and Ground Anchors, Tech Sess, Pap, Fed Int de la Precontrainte, Congr, 7th, New York, NY, May 26-Jun 1 1974 Publ by FIP, Waxham Springs, Slough, Bucks, Engl, 1974, 85 p
Publication Year: 1974
Language: ENGLISH

...Abstract: projects in Europe, Asia, the U. S. and Australia. Subjects include rock and soil anchors, **prestressed tendons** in foundations, **corrosion protection** of tie-backs, as well as specific project descriptions. Selected papers are indexed separately.

31/3,K/19 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2003 Inst for Sci Info. All rts. reserv.

04770982 Genuine Article#: UG230 No. References: 4

Title: DIABETES AND TRIGGER FINGER
Author(s): BLYTH MJG; ROSS DJ
Corporate Source: STIRLING ROYAL INFIRM, DEPT ORTHOPAED & TRAUMA/STIRLING FK8 2AU//SCOTLAND/

Journal: JOURNAL OF HAND SURGERY-BRITISH AND EUROPEAN VOLUME, 1996, V021B,
N2 (APR), P244-245
ISSN: 0266-7681
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

...Abstract: this can present as triggering or snapping of the nodule as it passes through the **tight constricting tendon sheath**. Although many triggering fingers settle spontaneously, and others respond to local anaesthetic and steroid injection...

31/3,K/20 (Item 2 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2003 Inst for Sci Info. All rts. reserv.

01308822 Genuine Article#: GN130 No. References: 15
Title: **STRESS AT ULTIMATE IN UNBONDED POSTTENSIONING TENDONS .2. PROPOSED METHODOLOGY**
Author(s): NAAMAN AE; ALKHAIRI FM
Corporate Source: UNIV MICHIGAN,DEPT CIVIL ENGN/ANN ARBOR//MI/48109
Journal: ACI STRUCTURAL JOURNAL, 1991, V88, N6, P683-692
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

...Abstract: the second part, the background for a new rational methodology for the analysis of beams **prestressed** with unbonded **tendons** is **covered**, and a new prediction equation for $f(ps)$ at ultimate is developed. The equation is...

31/3,K/21 (Item 3 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2003 Inst for Sci Info. All rts. reserv.

01201037 Genuine Article#: GD981 No. References: 33
Title: **STRESS AT ULTIMATE IN UNBONDED POSTTENSIONING TENDONS .1. EVALUATION OF THE STATE-OF-THE-ART**
Author(s): NAAMAN AE; ALKHAIRI FM
Corporate Source: UNIV MICHIGAN,DEPT CIVIL ENGN/ANN ARBOR//MI/48109
Journal: ACI STRUCTURAL JOURNAL, 1991, V88, N5, P641-651
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

...Abstract: part of this study, the background for a new rational methodology for analysis of beams **prestressed** with unbonded **tendons** is **covered** and a new prediction equation for $f(ps)$ at ultimate is developed. The equation is...

31/3,K/22 (Item 1 from file: 65)
DIALOG(R)File 65:Inside Conferences
(c) 2003 BLDSC all rts. reserv. All rts. reserv.

02626163 INSIDE CONFERENCE ITEM ID: CN027353030
The Long Term in-service Performance of Corrosion Protection to Prestressing Tendons in AGR Prestressed Concrete Pressure Vessels
Smith, L. M.; Taylor, H. F.
CONFERENCE: Prestress loss in NPP containments-Joint workshop
ORGANISATION FOR ECONOMIC COOPERATION AND DEVELOPMENT -PUBLICATIONS-GD, 1997; NO 225 P: 315-336
Paris, OECD, 1997
LANGUAGE: English DOCUMENT TYPE: Conference Papers
CONFERENCE SPONSOR: Electricite de France Service etudes et projets thermiques et nucleaires
Institut de protection et de surete nucleaire
CONFERENCE LOCATION: Poitiers, France
CONFERENCE DATE: Aug 1997 (199708) (199708)

**The Long Term in-service Performance of Corrosion Protection to
Prestressing Tendons in AGR Prestressed Concrete Pressure Vessels**

31/3,K/23 (Item 2 from file: 65)

DIALOG(R)File 65:Inside Conferences

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01876274 INSIDE CONFERENCE ITEM ID: CN019403972

Sheaths for bonded tendons in post-tensioned concrete structures

Cordes, H.; Abel, M.

CONFERENCE: Post-tensioned concrete structures-Symposium

P: 27-36

Concrete Society, 1996

ISBN: 0946691576; 094669155X; 0946691568

LANGUAGE: English DOCUMENT TYPE: Conference Papers and programme

CONFERENCE SPONSOR: Federation Internationale de la Precontrainte

CONFERENCE LOCATION: London

CONFERENCE DATE: Sep 1996 (199609) (199609)

Sheaths for bonded tendons in post-tensioned concrete structures

31/3,K/24 (Item 1 from file: 94)

DIALOG(R)File 94:JICST-EPlus

(c)2003 Japan Science and Tech Corp(JST). All rts. reserv.

03253784 JICST ACCESSION NUMBER: 98A0123498 FILE SEGMENT: PreJICST-E
**Construction Report of Prestressed Concrete Girders as a Cover for
Vertical Shaft.**

HIROKI RYOJI (1); FUNAKI KAZUHIKO (1); SHINKAWA HIROSHI (2); KAKUAGE
MASAYUKI (2)

(1) Tokyo Metrop. Gov., Bur. of Constr.; (2) Pishi Kyoryo
Puresutoresuto Konkurito no Hatten ni kansuru Shinpojiumu Ronbunshu(
Proceedings of the Symposium on Developments in Prestressed Concrete),
1997, VOL.7th, PAGE.699-702

JOURNAL NUMBER: G0044CAO

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Conference Proceeding

MEDIA TYPE: Printed Publication

**Construction Report of Prestressed Concrete Girders as a Cover for
Vertical Shaft.**

31/3,K/25 (Item 1 from file: 118)

DIALOG(R)File 118:ICONDA-Intl Construction

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0450641 ICONDA Accession Number: 1997(11):1121807 ICONDA

haohuanning shajiang yanjiu he zai yuyingli hunningtu zhong de yingyong
**A study on super-retarding mortar and its application on prestressed
concrete**

Wang Qicai (Author)

Lanzhou Railway Institute. Lanzhou 730070, China

Industrial Construction

no.263 p.38-41, figs., refs

PUBLISHER: Industrial Construction Editorial Office, 33, Xitucheng Road,
Haidian District, 100088, Beijing, Beijing

COUNTRY OF PUBLICATION: China

ISSN: 1000-8993 PUBLICATION DATE: 19960320

LANGUAGE: Chinese SUMMARY LANGUAGE: Chinese; English

...is same simple as no-coherence prestressed concrete in construction.

Because the super- retarding mortar wrapped prestressed steel bar hardens after construction, the same result as coherence prestressed concrete is reached. The...

31/3,K/26 (Item 2 from file: 118)
DIALOG(R) File 118:ICONDA-Intl Construction
(c) 2003 Fraunhofer-IRB. All rts. reserv.

0413745 ICONDA Accession Number: 1996(11):1000832 ICONDA
Improved protection of prestressing steels in tendons - Grouting materials of low electric conductivity
Verbesserter Schutz von Spannstählen in Spanngliedern - Auspressmoertel mit niedriger elektrischer Leitfähigkeit
Theissen Corinne (Author); Thomin Rainer (Author); Hoeg Ralf (Author)
TH Darmstadt, Institut fuer Massivbau (Editor)
p.99-116, figs., tabs., refs
PUBLISHER: in-house publishing, Darmstadt
COUNTRY OF PUBLICATION: Germany
PUBLICATION DATE: 19950000
LANGUAGE: English

DESCRIPTORS: concrete construction; prestressed concrete; construction material; mortar; tendon ; tension member ; protection against corrosion ; conductivity; electricity; compressive strength; improvement measure; water cement ratio; admixture; investigation; test; composition; condenser

31/3,K/27 (Item 3 from file: 118)
DIALOG(R) File 118:ICONDA-Intl Construction
(c) 2003 Fraunhofer-IRB. All rts. reserv.

0413261 ICONDA Accession Number: 1996(11):1000359 ICONDA
Mitteilungsblatt der Bundesanstalt fuer Wasserbau. Heft 73
Information leaflet of the Federal Institute for Hydraulic Engineering. Issue 73
Bundesanstalt fuer Wasserbau -BAW-, Karlsruhe (Editor)
SERIES TITLE: Mitteilungsblatt der Bundesanstalt fuer Wasserbau; 73
129 p, figs., tabs., refs
PUBLISHER: in-house publishing, Karlsruhe
COUNTRY OF PUBLICATION: Germany
PUBLICATION DATE: 19950000
LANGUAGE: German SUMMARY LANGUAGE: German; English; French; Russian

DESCRIPTORS: hydraulic engineering; weir; river; flood barrier; massive construction; reinforced concrete; prestressed concrete; repair; tendon ; grouting; reinforcement; protection against corrosion ; chloride; current; embankment walling; subsoil; erosion protection; reinforced concrete unit; alkali-aggregate reaction; Eider; Schleswig...

31/3,K/28 (Item 4 from file: 118)
DIALOG(R) File 118:ICONDA-Intl Construction
(c) 2003 Fraunhofer-IRB. All rts. reserv.

0408055 ICONDA Accession Number: 1996(04):1100185 ICONDA
Care and treatment of steel reinforcement and the protection of starter bars
Bussell M N (Author); Cather R (Author)
Construction Industry Research and Information Association (CIRIA) (Author)
SERIES TITLE: Report, no.147
PUBLISHER: CIRIA, London, 1995
COUNTRY OF PUBLICATION: United Kingdom

ISBN: 0-86017-430-1

LANGUAGE: English.

DESCRIPTORS: bond strength; contamination; **corrosion** ; **prestressing tendons** ; **protect ion^reinfo** ; reinforcement; reinforcement couplers; rust

31/3,K/29 (Item 5 from file: 118)

DIALOG(R)File 118:ICONDA-Intl Construction

(c) 2003 Fraunhofer-IRB. All rts. reserv.

0395113 ICONDA Accession Number: 1995(09):1500104 ICONDA

The development in prestressed concrete bridge with long spans in Vietnam

Sung Chu Ngoc (Author); Thanh Vu Khac (Author)

p.507-517

LANGUAGE: Vietnamese SUMMARY LANGUAGE: English

...steel wire. Tendons with 24 parallelwires were installed on the deckslab of the box. After **tension** , **tendons** were **covered** by cement grout. In 1987 the RAO bridge (one of this bridge type) collapsed after...

31/3,K/30 (Item 6 from file: 118)

DIALOG(R)File 118:ICONDA-Intl Construction

(c) 2003 Fraunhofer-IRB. All rts. reserv.

0384950 ICONDA Accession Number: 1995(02):1001228 ICONDA

OeNORM B 4260, 1. September 1994 - Spannbeton; Anforderungen an externe Spannglieder und deren Anwendung

Pre-stressed concrete; Requirements for external prestressing elements and their application

Oesterreichisches Normungsinstitut -ON-, Fachnormenausschuss 010Beton-, Stahlbeton- und Masivbau, Wien (Editor)

5 p, figs., tabs

PUBLISHER: in-house publishing, Wien

COUNTRY OF PUBLICATION: Austria

PUBLICATION DATE: 19940900

LANGUAGE: German

DESCRIPTORS: construction standardization; foreign country; construction material; prestressing steel; concrete construction; prestressed concrete; reinforced concrete; **tendon** ; quality requirement; **protection against corrosion** ; **prestressed** concrete; reinforced concrete; AT

31/3,K/31 (Item 7 from file: 118)

DIALOG(R)File 118:ICONDA-Intl Construction

(c) 2003 Fraunhofer-IRB. All rts. reserv.

0356084 ICONDA Accession Number: 1993(05):1000138 ICONDA

Entwicklungen im Spannbetonbau

Developments for prestressed concrete structures

Jungwirth Dieter (Author); Hochreither Heinrich (Author); Spannring Gernot (Author)

Deutscher Beton-Verein e.V. -DBV-, Wiesbaden (Organizer)

International Federation of Prestressed Concrete -FIP-, German Member Group (Editor) (Organizer) (Editor)

p.7-17, figs., tabs., refs

CONFERENCE: International Federation of Prestressing (Congress), 11

Hamburg, Germany, 19900000

PUBLISHER: in-house publishing, Wiesbaden

COUNTRY OF PUBLICATION: Germany

PUBLICATION DATE: 19920000

LANGUAGE: German SUMMARY LANGUAGE: German; English

DESCRIPTORS: concrete construction; prestressed concrete construction; construction material; durability; **prestressing** steel; **protection** against **corrosion** ; tank; **tendon** ; anchoring; liability; cable-stayed bridge; prestressed concrete; development; non-bond tensioning

31/3,K/32 (Item 8 from file: 118)
DIALOG(R)File 118:ICONDA-Intl Construction
(c) 2003 Fraunhofer-IRB. All rts. reserv.

0353451 ICONDA Accession Number: 1993(02):1000903 ICONDA
Zur Entwicklung des Brueckenbaus in der Schweiz. Massnahmen zur Verbesserung der Dauerhaftigkeit
Development of bridge building in Switzerland. Measures for improving durability

Donzel Michel (Author); Schuler Willi (Author)
Schweizer Ingenieur und Architekt
v.108, no.18 p.461-465, figs.,refs
COUNTRY OF PUBLICATION: Switzerland
ISSN: 0251-0960 PUBLICATION DATE: 19900000
LANGUAGE: German SUMMARY LANGUAGE: German

DESCRIPTORS: bridge construction; road bridge; prestressed concrete bridge; technical development; development stage; durability; improvementmeasure; planning; **prestressing** ; **tendon** ; pipe sleeve; **protection** ; **protection against corrosion** ; **quality assurance**; concrete protection; compound(secondary); CH

31/3,K/33 (Item 9 from file: 118)
DIALOG(R)File 118:ICONDA-Intl Construction
(c) 2003 Fraunhofer-IRB. All rts. reserv.

0248714 ICONDA Accession Number: 1989(12):1001076 ICONDA
Teilweise Vorspannung: Spannglieder in Kunststoffhuelldrohren unter Betriebsbeanspruchung
Partial prestressing : tendons in plastic sheaths subjected to operating stress

Kupfer Herbert, Prof. Dr.-Ing (Research Team Member)
TU Muenchen, Fakultae fuer Bauingenieur- und Vermessungswesen, Institut fuer Bauingenieurwesen III, Lehrstuhl fuer Massivbau, Arcisstrasse 21, D-8000 Muenchen 2, Germany (Performer of research)
Institut fuer Bautechnik -IfBt- Berlin/West, Reichpieschufer 72-76, D-1000 Berlin 30, Tel.:(030) 2503-1, Germany (Funder/Sponsor)

Teilweise Vorspannung: Spannglieder in Kunststoffhuelldrohren unter Betriebsbeanspruchung
Partial prestressing : tendons in plastic sheaths subjected to operating stress

31/3,K/34 (Item 10 from file: 118)
DIALOG(R)File 118:ICONDA-Intl Construction
(c) 2003 Fraunhofer-IRB. All rts. reserv.

0248653 ICONDA Accession Number: 1990(08):1001194 ICONDA
Neue Normenkonzepte MC 90. Dauerhaftigkeit - Korrosionsschutz, Spannglieder und Betonstahlbewehrung
New standards concept MC 90. Durability - corrosion protection, tendons and reinforced steel reinforcement

Schiessl Peter, Prof. Dr.-Ing (Research Team Member); Weber J.-W, Dr.-Ing (Research Team Head) (Research Team Member)
TH Aachen, Fakultae fuer Bauingenieur- und Vermessungswesen, Institut fuer Bauforschung, Schinkelstrasse 3, D-5100 Aachen, Germany (Performer of

research)

Deutscher Ausschuss fuer Stahlbeton -DAfStb- Berlin/West, Bundesallee
216-218, D-1000 Berlin 15, Germany (Funder/Sponsor)

DESCRIPTORS: construction standardization; concrete construction;
prestressed concrete construction; **tendon** ; standardization work;
protection against **corrosion** ; durability; supranational; property

31/3,K/35 (Item 11 from file: 118)
DIALOG(R)File 118:ICONDA-Intl Construction
(c) 2003 Fraunhofer-IRB. All rts. reserv.

0220530 ICONDA Accession Number: 1988(10):1001277 ICONDA
**Untersuchungen an Bauteilen mit Vorspannung ohne Verbund unter
Brandbeanspruchung gemaess DIN 4102**
**Investigations on building components with unbonded prestressing under fire
load in accordance with the DIN 4102**

Kordina K (Author); Richter E (Author)
TU Braunschweig, Institut fuer Baustoffe, Massivbau und Brandschutz (Editor)

Nordrhein-Westfalen, Minister fuer Landes- und
Stadtentwicklung, Duesseldorf (Performer of research) (Funder/Sponsor)

98 p

PUBLISHER: in-house publishing, Duesseldorf

PUBLICATION DATE: 19830000

LANGUAGE: German

DESCRIPTORS: concrete construction; property; building physics/building
chemistry; fire; plate; prestressed concrete slab; continuous slab;
investigation; **tendon** ; **prestressing steel** ; **protection** against
corrosion ; fire behaviour; load-bearing behaviour; deformation behaviour;
loading; fire test; subjection to temperature change; slab...

31/3,K/36 (Item 12 from file: 118)
DIALOG(R)File 118:ICONDA-Intl Construction
(c) 2003 Fraunhofer-IRB. All rts. reserv.

0217527 ICONDA Accession Number: 1988(09):1000617 ICONDA
**Effects of transverse panel strand extensions on the behavior of precast
prestressed panel bridges**

**Wirkungen der Litzenueberstaende in Querrichtung von Platten auf des
Verhalten vorgefertigter Spannbetondeckbruecken**

Bieschke Lee A (Author); Klingner Richard E (Author)

Journal - Prestressed Concrete Institute

v.33, no.1/2 p.68-88, figs., tabs., refs

COUNTRY OF PUBLICATION: United States

ISSN: 0032-793X PUBLICATION DATE: 19880000

LANGUAGE: English SUMMARY LANGUAGE: English

...on a full scale bridge specimen constructed using precast prestressed
concrete panels placed over precast **prestressed girders** , and **covered**
with a cast-in-place bridge deck. The northern half of the bridge had
panels...

31/3,K/37 (Item 13 from file: 118)
DIALOG(R)File 118:ICONDA-Intl Construction
(c) 2003 Fraunhofer-IRB. All rts. reserv.

0203991 ICONDA Accession Number: 1988(04):1002911 ICONDA
Korrosionsschutz im Spannbeton. Massnahmen und Systeme
Corrosion protection in prestressed concrete

Jungwirth Dieter (Author)

Beton
v.37, no.12 p.481-485, figs., tabs., refs
CONFERENCE: Deutscher Betontag, 68
Berlin, Germany, 19870423-19870425
COUNTRY OF PUBLICATION: Germany
ISSN: 0005-9846 PUBLICATION DATE: 19870000
LANGUAGE: German SUMMARY LANGUAGE: German; English

DESCRIPTORS: concrete construction; building physics/building chemistry;
corrosion ; prestressed concrete ; protection against corrosion ;
tendon ; prestressing steel ; coating; epoxy resin; anchor; pipe sleeve;
galvanization; non-bond tensioning

31/3,K/38 (Item 14 from file: 118)
DIALOG(R) File 118:ICONDA-Intl Construction
(c) 2003 Fraunhofer-IRB. All rts. reserv.

0191071 ICONDA Accession Number: 1987(11):1000265 ICONDA
Der Deutsche Betontag 1987 in Berlin
The 1987 German Conference on Concrete in Berlin
Zement und Beton
v.32, no.2 p.77-84, figs., tabs
CONFERENCE: Deutscher Betontag, 68
Berlin, Germany, 19870423-19870425
COUNTRY OF PUBLICATION: Austria
ISSN: 0514-2946 PUBLICATION DATE: 19870000
LANGUAGE: German

DESCRIPTORS: concrete construction; meeting; proceedings; set of rules;
regulation; reinforced concrete; corrosion; reinforcement; **prestressing**
steel; protection against corrosion ; tendon ; glass fibre; composite
material; repair; concrete restoration; prestressed concrete; durability;
cracking; pipe pushing; bridge construction...

31/3,K/39 (Item 15 from file: 118)
DIALOG(R) File 118:ICONDA-Intl Construction
(c) 2003 Fraunhofer-IRB. All rts. reserv.

0190313 ICONDA Accession Number: 1987(09):1000877 ICONDA
Einsatzbereiche pulverbeschichteter Bewehrung im Betonbau
Fields of application of powder-coated reinforcement in
concrete construction
Thielen G (Author)
Bautenschutz und Bausanierung
v.10, no.2 p.87-89, figs., refs
COUNTRY OF PUBLICATION: Germany
ISSN: 0170-9267 PUBLICATION DATE: 19870000
LANGUAGE: German SUMMARY LANGUAGE: German

DESCRIPTORS: construction material; reinforcing steel; concrete
construction; reinforcement; **prestressing steel; protection against**
corrosion ; coating; application; **tendon ;** anchoring; **prestressing ;** bond
; fatigue strength; range of application; requirement; notch

31/3,K/40 (Item 16 from file: 118)
DIALOG(R) File 118:ICONDA-Intl Construction
(c) 2003 Fraunhofer-IRB. All rts. reserv.

0177654 ICONDA Accession Number: 1989(06):1500063 ICONDA
Development of new corrosion protection prestressing tendons
and their use in bonded and unbonded prestressed concrete members
Muguruma H (Author); Watanabe F (Author); Nishiyama M (Author)

Kyoto University, Japan
v.2 p.581-590, ill., figs., tabs., refs
PUBLISHER: New Zealand Concrete Society, Wellington
COUNTRY OF PUBLICATION: New Zealand
PUBLICATION DATE: 19880000
LANGUAGE: English SUMMARY LANGUAGE: English

Development of new corrosion protection prestressing tendons
and their use in bonded and unbonded prestressed concrete members

DESCRIPTORS: concrete corrosion corrosion protection
prestressing tendon prestressed concrete member

31/3,K/41 (Item 17 from file: 118)
DIALOG(R) File 118:ICONDA-Intl Construction
(c) 2003 Fraunhofer-IRB. All rts. reserv.

0162671 ICONDA Accession Number: 1986(07):1046884 ICONDA
Protecting post-tensioning tendons in concrete structures
Schutz nachtraeglich vorgespannter Spannglieder in Betontragwerken
Schupack Morris (Author)
Civil engineering ASCE
v.52, no.12 p.43-45, figs
CONFERENCE: International Federation of Prestressing (Congress), 9
Stockholm, Sweden, 19820606-19820610
COUNTRY OF PUBLICATION: United States
ISSN: 0360-0556 PUBLICATION DATE: 19820000
LANGUAGE: English

DESCRIPTORS: concrete construction; building maintenance; building
physics/building chemistry; building failure; tendon; anchoring;
prestressing steel; wire wrapping method; corrosion; cause of damage
; cracking; compaction; grouting mortar; defects of execution; pipe sleeve;
protection...

31/3,K/42 (Item 18 from file: 118)
DIALOG(R) File 118:ICONDA-Intl Construction
(c) 2003 Fraunhofer-IRB. All rts. reserv.

0161066 ICONDA Accession Number: 1986(08):1010003 ICONDA
Einfluss der Betondeckung von Spanngliedern auf den Verlauf der Rissbreite
in ihrer Umgebung bei teilweiser Vorspannung
Influence of the concrete cover of tendons on the course of the crack width
around them in the case of partial prestressing
Derflinger F (Author); Janovic K (Author); Kupfer H (Author)
TU Muenchen, Fakultae fuer Bauingenieur- und Vermessungswesen, Institut
fuer Bauingenieurwesen III, Lehrstuhl fuer Massivbau (Performer of research
)
Nordrhein-Westfalen, Minister fuer Landes- und
Stadtentwicklung, Duesseldorf (Editor) (Monitor/Contractor)
99p
PUBLISHER: IRB Verlag, Stuttgart
PUBLICATION DATE: 19810000
LANGUAGE: German

DESCRIPTORS: construction material; prestressing steel; tendon;
concrete cover; crack extension; crack width; prestressing; pipe sleeve;
diameter; test specimen; distance; test

31/3,K/43 (Item 19 from file: 118)
DIALOG(R) File 118:ICONDA-Intl Construction
(c) 2003 Fraunhofer-IRB. All rts. reserv.

0136110 ICONDA Accession Number: 1987(04):1005759 ICONDA
Corrosion protection of end anchorages of prestressing tendons in offshore structures
Korrosionsschutz der verankerten Enden von Spanngliedern bei Offshore-Bauwerken
 Netherlands Committee for Research, Codes and Specifications for Concrete
 -CUR-VB-, Zoetermeer (Editor)
 Central National Organisation for Applied Scientific Research in the Netherlands -TNO-, Metal Institute (Performer of research)
 Central National Organisation for Applied Scientific Research in the Netherlands -TNO-, Institute for Building Materials and Building Structures -IBBC-, Rijswijk (Performer of research)
 SERIES TITLE: CUR-VB; 84-4
 104 p, figs., tabs., refs
 PUBLISHER: in-house publishing, Zoetermeer
 COUNTRY OF PUBLICATION: Netherlands
 PUBLICATION DATE: 19840000
 LANGUAGE: English

...DESCRIPTORS: prestressing steel; concrete construction; prestressed concrete; offshore structure; drilling platform; tank structure; loading; sea water; **tendon** ; anchoring; **protection** against **corrosion** ; reinforcement; **prestressing** ; laboratory test; environmental conditions; research finding; evaluation of literature; NL

31/3,K/44 (Item 20 from file: 118)
 DIALOG(R) File 118:ICONDA-Intl Construction
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0141598 ICONDA Accession Number: 1987(05):1000001 ICONDA
Untersuchungen an Bauteilen mit Vorspannung ohne Verbund unter Brandbeanspruchung gemäss DIN 4102
Investigations of construction components with prestressing without bond subjected to fire according to the DIN 4102
 Kordina K (Author); Richter E (Author)
 Nordrhein-Westfalen, Minister fuer Landes- und Stadtentwicklung, Duesseldorf (Funder/Sponsor)
 TU Braunschweig, Institut fuer Baustoffe, Massivbau und Brandschutz (Performer of research)
 Kurzberichte aus der Bauforschung
 v.25, no.10 p.837-839
 COUNTRY OF PUBLICATION: Germany
 ISSN: 0343-1118 PUBLICATION DATE: 19840000
 LANGUAGE: German

DESCRIPTORS: concrete construction; property; building physics/building chemistry; fire; plate; prestressed concrete slab; continuous slab; investigation; **tendon** ; **prestressing steel** ; **protection** against **corrosion** ; fire behaviour; load-bearing behaviour; deformation behaviour; loading; fire test; subjection to temperature change; slab...

31/3,K/45 (Item 21 from file: 118)
 DIALOG(R) File 118:ICONDA-Intl Construction
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0137203 ICONDA Accession Number: 1987(04):1004463 ICONDA
Ueber den Stand der Kenntnisse beim Verpressen von Spannkabeln zur Sicherstellung des dauerhaften Korrosionsschutzes durch Zementleim
The state of knowledge in the grouting of prestressing cables for the securing permanent protection against corrosion by cement paste
 Marius Reichart (Author)
 Zement und Beton (Vienna)
 v.31, no.3 p.191-192, figs

COUNTRY OF PUBLICATION: Austria
ISSN: 0514-2946 PUBLICATION DATE: 19860000
LANGUAGE: German SUMMARY LANGUAGE: German

DESCRIPTORS: concrete construction; **prestressed** concrete construction;
tendon ; **protection against corrosion** ; **pipe sleeve**; grouting; cement
paste; cement mortar; investigation; hydraulicking; head loss

31/3,K/46 (Item 22 from file: 118)
DIALOG(R)File 118:ICONDA-Intl Construction
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0105319 ICONDA Accession Number: 1986(11):1000747 ICONDA

Korrosionsschutz von Spanngliedern ohne Verbund

Corrosion protection of unbonded tendons

Binnekamp D.C (Author)

Betonwerk und Fertigteil-technik

v.52, no.5 p.312-314, figs

CONFERENCE: Internationaler FIP-Kongress, 10

New Delhi, India, 19860216-19860220

ISSN: 0373-4331 PUBLICATION DATE: 19860000

LANGUAGE: German; English SUMMARY LANGUAGE: English; French

DESCRIPTORS: concrete construction; building physics/building chemistry;
corrosion; **prestressing** ; **tendon** ; anchoring; **protection against**
corrosion ; pipe sleeve; material; plastic pipe; impermeability;
watertightness; non-bond tensioning

31/3,K/47 (Item 23 from file: 118)
DIALOG(R)File 118:ICONDA-Intl Construction
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0081748 ICONDA Accession Number: 1986(08):1027234 ICONDA

Knicksicherheit von auf Druck vorgespannter Bewehrung

Buckling resistance of a prestressed compressive reinforcement

Lindlbauer Wolfgang (Author)

Oesterreich, Bundesminister fuer Bauten und Technik,
Bundesstrassenverwaltung, Wien (Editor)

SERIES TITLE: Strassenforschung; 207

p.51-142, figs., tabs., refs

PUBLISHER: in-house publishing, Wien

COUNTRY OF PUBLICATION: Austria

PUBLICATION DATE: 19830000

LANGUAGE: German SUMMARY LANGUAGE: German

...DESCRIPTORS: construction; prestressed concrete; structural analysis;
buckling(bar); prestressing steel; compression; reinforcement; buckling
safety; lateral ties; **prestressing** ; **tendon** ; concrete **cover** ; strain;
shrinkage; creep; concrete strength; load-bearing behaviour; test series;
test specimen; short-term test

31/3,K/48 (Item 24 from file: 118)
DIALOG(R)File 118:ICONDA-Intl Construction
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0079765 ICONDA Accession Number: 1986(08):1025436 ICONDA

Modern machinery for prestressing and shotcreting of cylinders

Dykman M.J (Author)

Betonvereniging -CUR-VB-, Zoetermeer (Editor)

Concrete Society, London (Editor)

10 p, figs

CONFERENCE: International Conference on Cryogenic Concrete, 2

Amsterdam, Netherlands, 19831004-19831007
PUBLISHER: in-house publishing, Zoetermeer/London
COUNTRY OF PUBLICATION: Netherlands
PUBLICATION DATE: 19830000
LANGUAGE: English SUMMARY LANGUAGE: English

DESCRIPTORS: building construction; tank; production; shotcrete
construction method; **prestressing steel ; wire wrapping** method; use
of machines; construction machinery; sandblasting; lining; measurement;
deformation; protection against corrosion

31/3,K/49 (Item 25 from file: 118)
DIALOG(R)File 118:ICONDA-Intl Construction
(c) 2003 Fraunhofer-IRB. All rts. reserv.

0052100 ICONDA Accession Number: 1986(07):1055594 ICONDA
**Korrosionsschutz fuer Spannanker beim unterirdischen Bauen - Probleme des
Langzeitverhaltens von Schmelzinjektionsmassen**
Corrosion protection for prestressing tendon anchorages in
underground construction
Hahn Eckart (Author)
Die Bautechnik. Ausgabe A
v.60, no.12 p.415-421, figs., tabs., refs
COUNTRY OF PUBLICATION: Germany
ISSN: 0341-1052 PUBLICATION DATE: 19830000
LANGUAGE: German SUMMARY LANGUAGE: English

**Korrosionsschutz fuer Spannanker beim unterirdischen Bauen - Probleme des
Langzeitverhaltens von Schmelzinjektionsmassen**
Corrosion protection for prestressing tendon anchorages in
underground construction

31/3,K/50 (Item 26 from file: 118)
DIALOG(R)File 118:ICONDA-Intl Construction
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0040405 ICONDA Accession Number: 1986(07):1041434 ICONDA
Grouting of post-tensioning tendons
Schupack Morris (Author)
Civil engineering ASCE
v.48, no.3 p.72-73, figs., refs
ISSN: 0360-0556 PUBLICATION DATE: 19780000
LANGUAGE: English

DESCRIPTORS: plain concreting/reinforced concreting; concrete
construction; **tendon ; prestressing ; protection against corrosion ;**
cement gr outing; compound(secondary); (prestressed)concrete

31/3,K/51 (Item 27 from file: 118)
DIALOG(R)File 118:ICONDA-Intl Construction
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0039827 ICONDA Accession Number: 1986(07):1040491 ICONDA
Design of partially prestressed beams
Tam A (Author); Pannell F (Author)
Concrete (London)
v.11, no.9 p.32-33, figs., refs
COUNTRY OF PUBLICATION: United Kingdom
ISSN: 0010-5317 PUBLICATION DATE: 19770000
LANGUAGE: English

DESCRIPTORS: concrete construction; calculation; beam; **tendon ;**

protection against corrosion ; (prestressed) concrete ; partial
prestressing ; design chart

31/3,K/52 (Item 28 from file: 118)
DIALOG(R) File 118:ICONDA-Intl Construction
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00377651 ICONDA Accession Number: 1986(07):1037922 ICONDA
Design prestressed concrete section for flexure
Bóczkaj Bondan K. (Author)
Journal of Structural Engineering
v.110, no.3 p.439-460, figs., refs
COUNTRY OF PUBLICATION: United States
ISSN: 0733-9445 PUBLICATION DATE: 19840000
LANGUAGE: English

DESCRIPTORS: concrete construction; calculation; prestressed concrete;
bending load; tendon ; concrete cover ; prestressing ; design; degree
of prestress; arithmetical problem

31/3,K/53 (Item 29 from file: 118)
DIALOG(R) File 118:ICONDA-Intl Construction
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0035174 ICONDA Accession Number: 1986(07):1035129 ICONDA
Stahlbetonfertigteil-Brueckentraeger in Vorspannung ohne Verbund
Prestressed bridge girder made of precast reinforced concrete parts without
composite action
Thormaehlen U. (Author); Schuett Karl (Author); Grote M (Author)
Betonwerk und Fertigteil-technik
v.50, no.4 p.239-244, figs., refs
ISSN: 0373-4331 PUBLICATION DATE: 19840000
LANGUAGE: German; English SUMMARY LANGUAGE: French

DESCRIPTORS: element; bridge construction; superstructure; prestressed
concrete bridge; precast bridge; girder; prefabricated beam; bridge girder
; prestressing method; protection against corrosion ; production;
transportation; assembly; non-bond tensioning

31/3,K/54 (Item 30 from file: 118)
DIALOG(R) File 118:ICONDA-Intl Construction
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0030933 ICONDA Accession Number: 1986(07):1030092 ICONDA
DYWIDAG-Spannverfahren
The "DYWIDAG" prestressing method
DYWIDAG-Bericht
no.11 p.3-7, figs., tabs
COUNTRY OF PUBLICATION: Germany
ISSN: 0174-4836 PUBLICATION DATE: 19820000
LANGUAGE: German

DESCRIPTORS: concrete construction; construction material; prestressing
method; prestressing steel; tendon ; anchoring; impact; protection
against corrosion ; (prestressed) concrete

31/3,K/55 (Item 31 from file: 118)
DIALOG(R) File 118:ICONDA-Intl Construction
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0025429 ICONDA Accession Number: 1986(07):1023656 ICONDA

Vakuum-Injektions-Verfahren fuer Spannbetonglieder
Vacuum grouting method for prestressed concrete tendons
Bauingenieur
v.56, no.4 p.162, figs
COUNTRY OF PUBLICATION: Germany
ISSN: 0005-6650 PUBLICATION DATE: 19810000
LANGUAGE: German

DESCRIPTORS: concrete construction; tendon ; prestressing steel ;
protection against corrosion ; grouting method; (prestressed) concrete;
coating

31/3,K/56 (Item 1 from file: 144)
DIALOG(R) File 144:Pascal
(c) 2003 INIST/CNRS. All rts. reserv.

15041103 PASCAL No.: 01-0198613
Factory applied corrosion protection of prestressing steel
(Application en usine de protection anti-corrosion des aciers de
precontrainte)
HAMPEJS G 710
fib, Case Postale 28, GH - 1015 Lausanne, Switzerland
Tagk Group 9.1, FIB, Lausanne, Switzerland
s.d. 14s.
Publisher: federation internationale de beton, Lausanne
Language: English

English Descriptors: Durability; Prestressing tendon ; Plastic sheathed
cable; Prestressed concrete; Protective treatment; Corrosion; Tensile
strength; Manufacturing process; Example; Galvanized steel; Plastics; Wax
; Protective coatings

31/3,K/57 (Item 2 from file: 144)
DIALOG(R) File 144:Pascal
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15035094 PASCAL No.: 01-0192439
Mieux proteger les cables de precontrainte des ouvrages d'art
(To better protect the prestressing tendons of the engineering works)
LEROY Robert
LCPC, Paris, France
Journal: Le Moniteur des travaux publics et du batiment, 2001 (5081) p.
84
Language: French

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English Descriptors: Corrosion protection ; Prestressing tendon ;
Engineering work; Prestressed concrete; Research and development;
Injected grout; Thixotropic agent; Concrete bleeding; Tilt; Tube;
Prestressing strand; Cement...

31/3,K/58 (Item 3 from file: 144)
DIALOG(R) File 144:Pascal
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14714561 PASCAL No.: 00-0390113
Cornegated plastic ducts for internal bouded post-tensionning
(Gaines de plastique nervurees pour cables de post-tension)
GANZ HR rapp
FIB commission 9 Task Group 9.6 Plastic Ducts, Switzerland
Journal: FIB bulletin, 2000 (7 technical report) 48 p.

Language: English

English Descriptors: **Prestressed concrete; Prestressing tendon ; Sheath** of cable; Anchoring; Adhesion; Test standard; Polyethylene; Certification; Properties of materials; Wavy surface; Watertightness; Chemical...

31/3,K/59 (Item 4 from file: 144)

DIALOG(R)File 144:Pascal

(c) 2003 INIST/CNRS. All rts. reserv.

14482556 PASCAL No.: 00-0144266

Assessment of corrosion protection to unbonded prestressing tendons in UK nuclear power plants

Life prediction and aging management of concrete structures : Bratislava, July 6-8 1999

SMITH L M; MCINNES J; TAYLOR M F; TWIDALE D W

JAVOR Tibor, ed

British Energy Generation (UK) Ltd., Peel Park, East Kilbride, G74 5PR, United Kingdom; NNC Ltd., Warrington Road, Risley, Warrington WA3 6BZ, United Kingdom; BNFL Magnox Generation Ltd., Berkeley Centre, Berkeley, Glos. GL13 9PB, United Kingdom

Expertcentrum. International conference, 8 (Bratislava SVK) 1999-07-06 1999 262-267

Publisher: Expertcentrum, Bratislava

Language: English

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English Descriptors: Nuclear power plant; Concrete construction; **Prestressing tendon ; Corrosion protection** ; Thin film; Grease; Design; Material selection; Water content; International conference

31/3,K/60 (Item 5 from file: 144)

DIALOG(R)File 144:Pascal

(c) 2003 INIST/CNRS. All rts. reserv.

11168273 PASCAL No.: 93-0677812

Bonded tendon debate

(Debat sur les torons germes)

SCHUPACK M

Journal: Civil engineering ASCE, 1993, 63 (8) 64-66

Language: English

English Descriptors: Prestressed concrete; Bridges; Corrosion;

Prestressing tendon ; Corrosion protection

31/3,K/61 (Item 6 from file: 144)

DIALOG(R)File 144:Pascal

(c) 2003 INIST/CNRS. All rts. reserv.

09227992 PASCAL No.: 91-0018368

Pull-out bond tests of epoxy-coated prestressing strands

(Essais d'arrachement pour evaluer l'adherence des torons de precontrainte revetus de resine epoxyde)

BREARLEY L M JR; JOHNSTON D W

North Carolina State univ., dep. civil eng, Raleigh NC 27695-7908, USA

Journal: Journal of structural engineering (New York, N.Y.), 1990, 116 (8) 2236-2252

Language: English

English Descriptors: Prestressed concrete; Laboratory test; Pull out test;

Prestressing tendon ; Corrosion protection ; Epoxy resin; Sand blasting; Adhesion

31/3,K/62 (Item 7 from file: 144)
DIALOG(R) File 144:Pascal
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09029571 PASCAL No.: 90-0197847

Unbonded performance

(Performance des cables sans adherence)

SHUPACK M

Journal: Civil engineering ASCE, 1989, 59 (10) 75-77

Language: English

English Descriptors: Corrosion ; Corrosion protection ; Prestressing tendon^Re commen ; Recommendation; Prestressed concrete

31/3,K/63 (Item 8 from file: 144)
DIALOG(R) File 144:Pascal
(c) 2003 INIST/CNRS. All rts. reserv.

08158753 PASCAL No.: 88-0159099

(Projet et surveillance de tirants permanents ancrés dans la roche pour la centrale nucléaire de Tomari)

(Design and maintenance of permanent rock anchor in Tomari nuclear power plant)

Journal: Tsuchi-to-kiso, 1987, 35 (12) 31-36

Language: Japanese Summary Language: ENGLISH

English Descriptors: Nuclear power plant; Foundations; Tie rod; Prestressing ; Prestressing tendon ; Corrosion protection^Poly ; Polyethylene; Measuring instrument; Adjustment

31/3,K/64 (Item 9 from file: 144)
DIALOG(R) File 144:Pascal
(c) 2003 INIST/CNRS. All rts. reserv.

08011713 PASCAL No.: 88-0011713

Quality and economy

(Qualite et economie)

International Association for Bridge and Structural Engineering.

Symposium (Versailles) 1987

1987 29-108

Publisher: IABSE, Zurich

Language: ENGLISH Summary Language: FRENCH; German

...English Descriptors: Bridges; Prestressed concrete; Launching by sliding ; Cantilever; Underwater tunnel; Shotcrete; Railway tunnel; High speed train; Corrosion protection ; Prestressing tendon ; Building process; Dwelling building; High rise building; Prefabricated construction; Lightweight concrete; Exterior prestressing; Heavy panel...

31/3,K/65 (Item 10 from file: 144)
DIALOG(R) File 144:Pascal
(c) 2003 INIST/CNRS. All rts. reserv.

04995177 PASCAL No.: 83-0247329

IX. Internationaler Spannbetonkongress Stockholm 1982. II: Spannstahl und Spannverfahren

(9eme Congres international de Stockholm en 1982. II: Acier de precontrainte et procede de precontrainte)

WOELFEL E.

9e. Congres international du beton precontraint. (Stockholm) 1982

Journal: Beton-Stahlbetonbau, 1982, 77 (11) 286-288

Language: German

English Descriptors: Congress; Corrosion; Corrosion protection;
Cable Pres; Prestressing tendon; Prestressed concrete element;
Storage tank; Liquefied gas; Corrosion resistance

31/3,K/66 (Item 11 from file: 144)

DIALOG(R) File 144:Pascal

(c) 2003 INIST/CNRS. All rts. reserv.

03673326 PASCAL No.: 82-0190160

DESIGN OF PERMANENT SEAWATER STRUCTURES TO PREVENT DETERIORATION
(CONCEPTION DES CONSTRUCTIONS EN MER POUR EVITER LES DETERIORATIONS)

SCHUPACK M

Journal: CONCR. INT. DES. CONSTR., 1982, 4 (3) 19-27

Language: ENGLISH

English Descriptors: OFFSHORE STRUCTURE; REINFORCED CONCRETE CONSTRUCTION;
MARINE CORROSION; CONCRETE REINFORCEMENT; TENDON; CORROSION PROTECTION
; PRESTRESSING TENDON VOIT I

31/3,K/67 (Item 12 from file: 144)

DIALOG(R) File 144:Pascal

(c) 2003 INIST/CNRS. All rts. reserv.

03066549 PASCAL No.: 81-0101251

MACHBAEGELICHE VERSTAERKUNG VON SPANNBETONBRUECKEN IM KOPPELFUGENBEREICH
MIT BEWEHRTEN BETONLASCHEN

(REINFORCEMENT SUPPLEMENTAIRE DES COUPLEURS DE PONTS EN BETON
PRECONTRAINTE, AVEC DES ECLISSES EN BATON ARME)

KOENIG G; WEIGLER H; QUITMANN H D; STUELB J

TECH. HOCHSCH. INST. MASSIVBAU/DARMSTADT, FEDERAL REPUBLIC OF GERMANY

Journal: BETON-STAHLBETONBAU, 1980, 75 (10) 229-235

Language: GERMAN

English Descriptors: BRIDGE; CORROSION PREVENTION; PRESTRESSING
TENDON; PRESTRESSED CONCRETE CONSTRUCTION; CONTINUITY; SPLINT;
REINFORCED CONCRETE ELEMENT; CONSTRUCTION JOINT; BRIDGES; CRACK
PROPAGATION

?show files;ds
File 111:TGG Natl.Newspaper Index(SM) 1979-2003/Feb 26
(c) 2003 The Gale Group
File 12:INSPEC 1969-2003/Feb W3
(c) 2003 Institution of Electrical Engineers
File 6:NTIS 1964-2003/Mar W1
(c) 2003 NTIS, Intl Cpyrght All Rights Res
File 8:Ei Compendex(R) 1970-2003/Feb W3
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(c) 2003 TWI Ltd
File 31:World Surface Coatings Abs 1976-2003/Feb
(c) 2003 Paint Research Assn.
File 34:SciSearch(R) Cited Ref Sci 1990-2003/Feb W4
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(c) 2003 The HW Wilson Co.
File 118:ICONDA-Intl Construction 1976-2003/Feb
(c) 2003 Fraunhofer-IRB
File 144:Pascal 1973-2003/Feb W3
(c) 2003 INIST/CNRS
File 323:RAPRA Rubber & Plastics 1972-2003/Feb
(c) 2003 RAPRA Technology Ltd

Set	Items	Description
S1	840643	TENSION??? OR TIGHT? OR STRETCH??? OR POSTTENSION? OR PRES-TRESS???
S2	119583	TENDON? ? OR TENON? ? OR GIRDER? ? OR STEEL() (CABLE? ? OR - WIRE? ? OR BAR OR BARS OR ROD OR RODS OR STRAND? ?)
S3	1299780	SHEATH??? OR CASING? ? OR ENCAS? OR COVER??? OR OVERLAYER? ? OR PROTECTIVE OR WRAP? ? OR WRAPP?
S4	69224	CORROSION(2N) (PROTECT? OR PREVENT? OR GUARD??? OR DEFEN? OR PRECAUTION?)
S5	2336670	STRIP OR STRIPPING OR REMOV??? OR PEEL OR PEELING OR PARE - OR PARING OR (TAKE OR TAKING OR CUT OR CUTTING)()OFF OR ((GET OR GETTING)()RID OR DISPOS???)()OF OR ELIMINAT??? OR CLEAR??? OR DETACH??? OR UNDO???
S6	9987801	WITHOUT OR "NOT" OR ABSENT OR BARRING OR OMIT? ? OR OMITTING OR "NO"
S7	1347267	S3 OR S4
S8	2272	S2(2N)S7
S9	112843	S6(2W)S5
S10	242	S9(2N)S7
S11	77	S1(2N)S8
S12	0	S11(5W)S10
S13	0	S11 AND S10
S14	434	S9(5N)S7
S15	99	S1(5N)S8
S16	0	S15(10W)S14
S17	0	S14 AND S15
S18	0	S11(S)S5
S19	5	S5 AND S11
S20	6	S11 AND OVER
S21	181504	S6(5N)S5
S22	817	S21(5N)S7
S23	0	S11(S)S22
S24	0	S11 AND S22

S25	0	S9(S)S11
S26	0	S9 AND S15
S27	136743	S6(5W)S5
S28	0	S15 AND S27
S29	76	S11 NOT PY>2001
S30	74	S29 NOT PD=20010130:20030331
S31	67	RD (unique items)
S32	1	S1(5N)S10
S33	3	S1 AND S10
S34	2448	S1 AND S9
S35	286	S1(10N)S9
S36	149	S1(5N)S9
S37	94	S1(5W)S9
S38	94	S37 NOT S11
S39	0	S38 AND S8
S40	0	S1(10N)S8(10N)S9
S41	0	S1 AND S8 AND S9
S42	51	S1 AND S2 AND S9
S43	51	S42 NOT S11
S44	2	S1 AND S2 AND S7 AND S9
S45	39	(S1 OR S2) (5N) (S7 AND S9)
S46	30	(S1 OR S2) (5N) (S7(S;S9)
S47	30	S46 NOT S11
S48	29	S47 NOT PY>2001
S49	28	S48 NOT PD=20010130:20030331
S50	22	RD (unique items)

50/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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5601196 INSPEC Abstract Number: A9714-6830-003

Title: Vibrational frequencies for NO chemisorbed on different sites: DFT calculations on Pd clusters

Author(s): Perez Jigato, M.; Somasundram, K.; Termath, V.; Handy, N.C.; King, D.A.

Author Affiliation: Dept. of Chem., Cambridge Univ., UK

Journal: Surface Science vol.380, no.1 p.83-90

Publisher: Elsevier,

Publication Date: 1 May 1997 Country of Publication: Netherlands

CODEN: SUSCAS ISSN: 0039-6028

SICI: 0039-6028(19970501)380:1L:83:VFCD;1-W

Material Identity Number: S076-97014

U.S. Copyright Clearance Center Code: 0039-6028/97/\$17.00

Language: English

Subfile: A

Copyright 1997, IEE

...Abstract: a decrease of 261 cm/sup -1/. It is, however, concluded that experimental N-O **stretching** frequencies alone are **not** a **clear** indicator of adsorption site.

50/3,K/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

03572919 INSPEC Abstract Number: A90040407

Title: Surface characterization of aluminum foil annealed in the presence of ammonium fluoborate

Author(s): Strohmeier, B.R.

Author Affiliation: Div. of Alcoa Labs., Surface Technol., Alcoa Center, PA, USA

Journal: Applied Surface Science vol.40, no.3 p.249-63

Publication Date: 1989 Country of Publication: Netherlands

CODEN: ASUSEE ISSN: 0169-4332

U.S. Copyright Clearance Center Code: 0169-4332/89/\$03.50

Language: English

Subfile: A

...Abstract: were both deposited on and/or reacted with the aluminium oxide surface layer. For the **tightly wrapped** coils, this deposition was diffusion limited to the outer edges (i.e. approximately 4 cm...

50/3,K/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

01416184 INSPEC Abstract Number: A79090866

Title: Vibrational spectra of nitric oxide chemisorbed on Pt(100)

Author(s): Pirug, G.; Bonzel, H.P.; Hopster, H.; Ibach, H.

Author Affiliation: Inst. fur Grenzflächenforschung und Vakuumphys., Kernforschungsanlage Jülich GmbH, Jülich, West Germany

Journal: Journal of Chemical Physics vol.71, no.2 p.593-8

Publication Date: 15 July 1979 Country of Publication: USA

CODEN: JCPSA6 ISSN: 0021-9606

Language: English

Subfile: A

...Abstract: 1/. Thus NO is also adsorbed in a bent configuration on this surface. At higher **coverage** an additional NO **stretch** frequency at 1690

cm/sup -1/ indicated a second adsorption site. Low frequency modes could

50/3,K/4 (Item 1 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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04706706 E.I. No: EIP97063679984

Title: **Vibrational frequencies for NO chemisorbed on different sites: DFT calculations on Pd clusters**

Author: Jigato, Manuel Pérez; Somasundram, Kausalya; Tenmakh, Volker; Handy, Nicholas C.; King, David A.

Corporate Source: Univ of Cambridge, Cambridge, UK

Source: Surface Science v 380 n 1 May 1 1997. p 83-90

Publication Year: 1997

CODEN: SUSCAS ISSN: 0039-6028

Language: English

...Abstract: a decrease of 261 cm** minus **1. It is, however, concluded that experimental N-O **stretching** frequencies alone are **not a clear** indicator of adsorption site. (Author abstract) 44 Refs.

50/3,K/5 (Item 2 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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03955171 E.I. No: EIP94101414277

Title: **Empirical bounds on fault coverage loss due to LFSR aliasing**

Author: Debany, Warren H. Jr.; Gorniak, Mark J.; Macera, Anthony R.; Daskiewicz, Daniel E.; Kwiat, Kevin A.; Dussault, Heather B.

Corporate Source: Rome Lab (RL/ERDA), Griffiss AFB, NY, USA

Source: VLSI Design v 1 n 4 1994. p 313-326

Publication Year: 1994

CODEN: VLDEEZ ISSN: 1065-514X

Language: English

...Abstract: match closely the empirically-derived UCL obtained by fault simulation. The result is that a **tight** lower bound on fault **coverage** for LFSR-based BIST configurations can be obtained easily. Fault coverage for a BIST configuration...

50/3,K/6 (Item 3 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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01966182 E.I. Monthly No: EI8604027245 E.I. Yearly No: EI86011153

Title: **DEVELOPMENT OF A SEALING-BOLT FOR THE SAFEGUARDING OF LARGE CONTAINERS SUCH AS MULTIELEMENT BOTTLES.**

Author: d'Agraives, B. C.; Toornvliet, J.

Corporate Source: Commission of the European Communities, Joint Research Cent, Ispra, Italy

Source: Nuclear Materials Management (Journal of the Institute of Nuclear Materials Management) v 14 n 3 1985, Proc of the 26th Annu Meet of the Inst of Nucl Mater Manage, Albuquerque, NM, USA, Jul 21-24 1985. p 372-378

Publication Year: 1985

CODEN: NUMMB8 ISSN: 0362-0034

Language: ENGLISH

...Abstract: A 'Sealing-Bolt' would replace one - or more - of the conventional bolts, normally used for **tightening** a container's **cover**. It could not be removed - or unscrewed - without the knowledge of Inspectors. Thus, it has...

50/3,K/7 (Item 4 from file: 8)
DIALOG(R) File 8:EI Compendex(R)
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01024748 E.I. Monthly No: EI8106053803 E.I. Yearly No: EI81104538
Title: WELD SHRINKAGE PREDICTION.
Author: White, J. D.; Leggatt, R. H.; Dwight, J. B.
Corporate Source: Woodside Pet Dev Ltd, Aust
Source: Welding and Metal Fabrication v 48 n 9 Nov 1980 8 p between p 587
and 596
Publication Year: 1980
CODEN: WLMFAM ISSN: 0043-2245
Language: ENGLISH

Abstract: Weld shrinkage may be characterized in terms of three basic
parameters: **tendon** force F, transverse shrinkage DELTA , **wrap** -up BETA .
F, DELTA and BETA are functions of the welding parameters. F can be...

50/3,K/8 (Item 1 from file: 34)
DIALOG(R) File 34:SciSearch(R) Cited Ref Sci
(c) 2003 Inst for Sci Info. All rts. reserv.

08944846 Genuine Article#: 348AK No. References: 52
**Title: Neutron reflectivity study of diblock formation during reactive
blending processes**
Author(s): Hayashi M; Grull H; Esker AR; Weber M; Sung L; Satija SK; Han CC
; Hashimoto T (REPRINT)
Corporate Source: KYOTO UNIV, GRAD SCH ENGN, DEPT POLYMER CHEM/KYOTO
6068501//JAPAN/ (REPRINT); KYOTO UNIV, GRAD SCH ENGN, DEPT POLYMER
CHEM/KYOTO 6068501//JAPAN/; NIST, CTR NEUTRON RES/GAITHERSBURG//MD/20899
; BASF AG, ENGN PLAST, POLYMER RES LAB/D-67056 LUDWIGSHAFEN//GERMANY/
Journal: MACROMOLECULES, 2000, V33, N17 (AUG 22), P6485-6494
ISSN: 0024-9297 Publication date: 20000822
Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Abstract: block copolymer already at the interface. For these reasons,
it is possible to diminish but **not eliminate** the interfacial
tension ($\gamma > 0$) between the PSU and PA, as it is not possible to
build up...

50/3,K/9 (Item 2 from file: 34)
DIALOG(R) File 34:SciSearch(R) Cited Ref Sci
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08888754 Genuine Article#: 340WM No. References: 53
Title: Nerve injury in traumatic dislocation of the hip
Author(s): Cornwall R; Radomisli TE (REPRINT)
Corporate Source: MT SINAI HOSP, MT SINAI SCH MED, DEPT ORTHOPAED SURG, 5 E
98TH ST, BOX 1188/NEW YORK//NY/10029 (REPRINT); MT SINAI HOSP, MT SINAI
SCH MED, DEPT ORTHOPAED SURG/NEW YORK//NY/10029
Journal: CLINICAL ORTHOPAEDICS AND RELATED RESEARCH, 2000, N377 (AUG), P
84-91
ISSN: 0009-921X Publication date: 20000800
Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA
19106-3621
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Abstract: of posterior fracture-dislocations and simple posterior
dislocations. The sciatic nerve can be acutely lacerated, **stretched** ,
or compressed, or later **encased** in heterotopic ossification.
Neurologic examination at the time of injury often is difficult but is

50/3,K/10 (Item 3 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
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03800206 Genuine Article#: QG269 No. References: 27

Title: AUTOGENOUS FLEXOR TENDON GRAFTS - FIBROBLAST ACTIVITY AND MATRIX REMODELING IN DOGS

Author(s): ABRAHAMSSON SO; GELBERMAN RH; AMIEL D; WINTERTON P; HARWOOD F
Corporate Source: MASSACHUSETTS GEN HOSP, DEPT ORTHOPAED SURG, 15 PARKMAN
ST, SUITE 527/BOSTON//MA/02114; MASSACHUSETTS GEN HOSP, DEPT ORTHOPAED
SURG/BOSTON//MA/02114; UNIV CALIF SAN DIEGO/LA JOLLA//CA/92093
Journal: JOURNAL OF ORTHOPAEDIC RESEARCH, 1995, V13, N1 (JAN), P58-66
ISSN: 0736-0266
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

...Abstract: turnover in autogenous flexor tendon grafts, hindlimb
intrasynovial (flexor digitorum profundus) and extrasynovial (peroneus
longus) **tendons** were placed within the synovial **sheaths** of the
medial and lateral forepaw digits of 18 dogs and treated with
controlled early...

...and noncollagen protein synthesis and Schiff base covalent collagen
crosslink concentrations (dihydroxylysine) compared with
intrasynovial **tendon** grafts. It was **not clear** to what extent the
increased activity in the extrasynovial graft was due to actual
differences...

50/3,K/11 (Item 4 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
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02888648 Genuine Article#: MM571 No. References: 15

Title: THE IMPORTANCE OF TIMING MUSCLE-CONTRACTION IN DYNAMIC CARDIOMYOPLASTY

Author(s): GEDDES LA; JANAS W; BOURLAND JD; COOK J; HINDS M
Corporate Source: PURDUE UNIV, HILLENBRAND BIOMED ENGN CTR/W
LAFAYETTE//IN/47907; INDIANA WESLEYAN UNIV/MARION//IN/00000
Journal: PACE-PACING AND CLINICAL ELECTROPHYSIOLOGY, 1993, V16, N12 (DEC)
, P2255-2265
ISSN: 0147-8389
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

...Abstract: 80 msec). The average augmentation in SV was 26% (range
13%-45%). The same muscle- **wrap tightness** was used in all dogs. In
one dog, the muscle- **wrap tightness** was varied; and by **tightening**
the **wrap** the SV augmentation increased from 17% to 27%. For all dogs
the range of augmentation in SV (13%-45%) perhaps represents variations
in muscle- **wrap tightness**, which may be a major uncontrolled factor
in dynamic CMP.

50/3,K/12 (Item 5 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
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02713899 Genuine Article#: LY479 No. References: 56

Title: ON THE DIFFERENTIAL-DIAGNOSIS OF CLEAR-CELL TUMORS OF THE HEAD AND NECK

Author(s): EVERSELE LR
Corporate Source: UCLA, SCH DENT, CHS 53-058/LOS ANGELES//CA/00000
Journal: ORAL ONCOLOGY-EUROPEAN JOURNAL OF CANCER PART B, 1993, V029B, N3 (

JUL), P173-179
ISSN: 0964-1955
Language: ENGLISH Document Type: REVIEW (Abstract Available)

...Abstract: cutaneous adnexa, salivary glands, odontogenic epithelium, melanocytes and even mesenchymally derived cells of adipose and **tendon sheath**. In the head and neck, clear cell tumours represent a singular challenge to the pathologist...

50/3,K/13 (Item 6 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
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01674828 Genuine Article#: HQ485 No. References: 0
Title: THE ROLE OF OMENTOPEXY IN THE PREVENTION OF FEMORAL ANASTOMOTIC ANEURYSM
Author(s): COURBIER R; FERDANI M; JAUSSEAN JM; BERGERON P; REGGI M
Corporate Source: ST JOSEPH HOSP, DEPT CARDIOVASC SURG, BD LUVAIN/F-13008 MARSEILLE//FRANCE/
Journal: JOURNAL OF CARDIOVASCULAR SURGERY, 1992, V33, N2 (MAR-APR), P 149-153
Language: ENGLISH Document Type: ARTICLE (Abstract Available) (NO REFS KEYED)

...Abstract: femoral anastomosis down to the healthy segment of the femoral artery which, being elastic, can **stretch**. The omentum acts as **sheath** that reinforces the anastomosis. To evaluate this technique we assessed our patients operated upon for...

50/3,K/14 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
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01286090 ORDER NO: NOT AVAILABLE FROM UNIVERSITY MICROFILMS INT'L.
COMPARATIVE STUDY OF REPAIR SYSTEMS FOR PREVENTING FURTHER CORROSION OF STEEL REINFORCEMENT
Original Title: VERGLEICHENDE UNTERSUCHUNGEN VON INSTANDSETZUNGSSYSTEMEN ZUR VERHINDERUNG WEITERER KORROSION VON BEWEHRUNGSSTAEHLEN

Author: TARKHAN, MOHAMED ABOUZIED
Degree: DR. TECHN.
Year: 1990
Corporate Source/Institution: UNIVERSITAET INNSBRUCK (AUSTRIA) (0200)
Source: VOLUME 54/02-C OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 607. 238 PAGES
Location of Reference Copy: BAUFAKULTATSBIBLIOTHEK,
UNIVERSITATSBIBLIOTHEK, TECHNIKERSTR. 13, A-6020 INNSBRUCK,
AUSTRIA

...protection against further corrosion, the following parameters were examined: (a) The effect of removing or **not removing** the contaminated concrete around the **steel bars** before the repair. (b) The effect of different chemical attacks (chloride, chloride and carbon dioxide...

50/3,K/15 (Item 1 from file: 94)
DIALOG(R)File 94:JICST-EPlus
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05004670 JICST ACCESSION NUMBER: 01A1000329 FILE SEGMENT: JICST-E
A Case of Giant cell Tumor of Tendon Sheath in the Metacarpo-Phalangeal Joint of the right index finger.
ARAMAKI YASUHIRO (1); MATSUZAKI AKIO (1); MORISHITA YUICHIRO (1)

(1) Fukuokadaï Chikushi-byoin Seikeigeka
Seikei Geka to Saigai Geka (Orthopedics & Traumatology), 2001, VOL.50, NO.3,
PAGE.801-803, FIG.3, REF.3
JOURNAL NUMBER: Z0437BAK ISSN NO: 0037-1033
UNIVERSAL DECIMAL CLASSIFICATION: 617-089
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Preprint, Bibliography
MEDIA TYPE: Printed Publication

...ABSTRACT: DEG.C... Diagnosis of locking of the MPU of right index finger
and GCT of **tendon sheath** was made and operation was carried out.
The tumor was excised. On exploration of the...

...post operative course was uneventful. The pathologic diagnosis of the
tree tumors was GCT of **tendon sheath** . (author abst.)

50/3,K/16 (Item 2 from file: 94)
DIALOG(R)File 94:JICST-EPlus
(c)2003 Japan Science and Tech Corp(JST). All rts. reserv.

03196281 JICST ACCESSION NUMBER: 97A0602728 FILE SEGMENT: JICST-E
Confining Effect of Sheath in Fixed of Anchor.

HARA YUTAKA (1); ONITSUKA KATSUTADA (2)
(1) Nihonkensetsugijutsu; (2) Saga Univ., Fac. of Sci. and Eng.
Tsuchi to Kiso, 1997, VOL.45, NO.6, PAGE.35-38, FIG.5, TBL.4, REF.6
JOURNAL NUMBER: F0369AAN ISSN NO: 0041-3798
UNIVERSAL DECIMAL CLASSIFICATION: 624.159.2/.4 624.131.53
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Commentary
MEDIA TYPE: Printed Publication

...ABSTRACT: the quality of the materials of the sheath in fixed part of
the anchor has **not** been made **clear** . In this study, the **tension**
tests were performed with using three kinds of sheath(Stainless sheath,
Polyethylene sheath, Reinforced Polyethylene...

50/3,K/17 (Item 3 from file: 94)
DIALOG(R)File 94:JICST-EPlus
(c)2003 Japan Science and Tech Corp(JST). All rts. reserv.

02398769 JICST ACCESSION NUMBER: 95A0762397 FILE SEGMENT: JICST-E
Extruded cement panels as casting forms.

NISHIKAWA HIDENORI (1); NAKAGOME AKIRA (1); KAWASAKI KIYOHICO (2);
KISHIMOTO HITOSHI (2)
(1) Maeda Corp. Eng. Res. Lab.; (2) Fujimi Koken
Maeda Gijutsu Kenkyu Shoho(Maeda Corporation Report of Technical Research
Institute), 1995, VOL.36, PAGE.111-119, FIG.21, TBL.14, REF.5
JOURNAL NUMBER: F0104BAF ISSN NO: 0388-6999
UNIVERSAL DECIMAL CLASSIFICATION: 693.5
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Commentary
MEDIA TYPE: Printed Publication

...ABSTRACT: that casting forms with thin sheathing panels behaved as
casted concrete under various stress, compression, **tension** and
flexural moment. So thin **sheathing** panels, or some of it, could be
evaluated as part of structural section. (author abst.)

50/3,K/18 (Item 4 from file: 94)

DIALOG(R) File 94:JICST-EPlus
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02345159 JICST ACCESSION NUMBER: 95A0378251 FILE SEGMENT: JICST-E
Tumor-Induced Osteomalacia: A Case Report.
KIDO MASAYOSHI (1); MATSUZAKI AKIO (1); ISHIDA TAKAYASU (1); KINASHI
HIROFUMI (2)
(1) Fukuoka Univ., Chikushi Hosp., (2) Kinashiseiiken Geka.
Seikei Geka to Saigai Geka(Orthopedics & Traumatology), 1995, VOL.44,NO.2,
PAGE.720-724, FIG.6, TBL.1, REF.8
JOURNAL NUMBER: Z0437BAK ISSN NO: 0037-1033
UNIVERSAL DECIMAL CLASSIFICATION: 616.7-006 616.7
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Short Communication
MEDIA TYPE: Printed Publication

...ABSTRACT: A 28-year-old man with osteomalacia induced by a giant cell
tumor of the **tendon sheath** is reported. He had complained of pain
in the lower back region, hip, knee and...

...the bilateral 5th, 6th and 7th ribs. He had a giant cell tumor of the
tendon sheath on the left knee and after removal of this tumor, his
symptoms improved dramatically with...

50/3,K/19 (Item 5 from file: 94)
DIALOG(R)File 94:JICST-EPlus
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01725381 JICST ACCESSION NUMBER: 92A0736573 FILE SEGMENT: JICST-E
**Development of Retrievable Expandable Metallic Stent: Experimental and
Clinical Studies.**
YANG R-J (1)
(1) Wakayama Medical Coll.
Wakayama Igaku(Journal of the Wakayama Medical Society), 1992, VOL.43,NO.2
, PAGE.241-255, FIG.13, TBL.5, REF.42
JOURNAL NUMBER: F0546AAI ISSN NO: 0043-0013 CODEN: WKMIA
UNIVERSAL DECIMAL CLASSIFICATION: 616.1-09 616.12-08
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication

...ABSTRACT: thread with diameter 0.2mm. Nylon surgical thread (4-0). The
delivery set (a long **sheath** and a pusher). The stainless **steel**
wire was made into a cylindrical body with 12 zigzag hairpin bends,
six bends of one...

50/3,K/20 (Item 6 from file: 94)
DIALOG(R)File 94:JICST-EPlus
(c)2003 Japan Science and Tech Corp(JST). All rts. reserv.

01050848 JICST ACCESSION NUMBER: 90A0447346 FILE SEGMENT: JICST-E
An anatomical study of tarsal tunnel.
NAGAOKA MASAHIRO (1)
(1) Nihon Univ., School of Medicine
Nippon Seikei Geka Gakkai Zasshi(Journal of the Japanese Orthopaedic
Association), 1990, VOL.64,NO.4, PAGE.208-216, FIG.12, REF.30
JOURNAL NUMBER: Z0223BAJ ISSN NO: 0021-5325 CODEN: NSGZA
UNIVERSAL DECIMAL CLASSIFICATION: 616.7
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

ABSTRACT: was not as thick as previously thought. 4. The neurovascular bundle was separated from other tendon sheaths, and enclosed in its own tunnel. 5. A fibrous septum found at the entrance of...

50/3,K/21 (Item 7 from file: 94)

DIALOG(R)File 94:JICST-EPlus

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00494712 JICST ACCESSION NUMBER: 87A0511313 FILE SEGMENT: JICST-E
Three dimensional observation of early phase of experimental rat cystitis.

Mainly on the activity of PMN in the lumen and on the surface.

SUZUKI YASUYOSHI (1); TOYOTA SEIICHI (1); FUKUSHI YASUO (1); ORIKASA

SEIICHI (1); MAJIMA KO (2); KATOH SHINNOSUKE (2)

(1) Tohokudai I; (2) Hachinohe City Hospital

Nippon Hinyokika Gakkai Zasshi(Japanese Journal of Urology), 1987,

VOL.78,NO.5, PAGE.808-815, FIG.12, TBL.2, REF.21

JOURNAL NUMBER: Z0766AAA ISSN NO: 0021-5287

UNIVERSAL DECIMAL CLASSIFICATION: 591.149.05+591.461!+

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

...ABSTRACT: PMN was the main defence factor at this time, because bacteria attached on the surface **tightly** and was **not removed** by washing out phenomenon only. At 12hr, migrated PMN on the surface was more numerous...

50/3,K/22 (Item 1 from file: 118)

DIALOG(R)File 118:ICONDA-Intl Construction

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0558744 ICONDA Accession Number: 1986(08):1025387 ICONDA

Korrosionsverhalten verzinkter Spannstähle im gerissenen Beton

Corrosion behaviour of galvanzied prestressing steel in cracked concrete

Nuernberger Ulf (Author)

Deutscher Ausschuss fuer Stahlbeton -DAfStb-, Berlin (Editor)

Gemeinschaftsausschuss Verzinken e.V. -GAV-, Duesseldorf (Funder/Sponsor)

Arbeitsgemeinschaft Industrieller Forschungsvereinigungen "Otto von Guericke" e.V. -AiF-, Koeln (Funder/Sponsor)

SERIES TITLE: Deutscher Ausschuss fuer Stahlbeton; 353

p.81-160, figs.,tabs.,refs

PUBLISHER: in-house publishing, Berlin/West

COUNTRY OF PUBLICATION: Germany

ISBN: 3-433-01353-5 PUBLICATION DATE: 19840000

LANGUAGE: German SUMMARY LANGUAGE: English

Corrosion tests were carried through in cracked concrete upon galvanized and not-galvanized **prestressing** steel with a zinc **cover** of 13,9 and 19,4 My m. In view of especially unfavorable constructions concrete...

3show files.ds
 File 9:Business & Industry(R) Jul/1994-2003/Feb 27
 (c) 2003 Resp. DB Svcs.
 File 15:ABI/Inform(R) 1971-2003/Feb 28
 (c) 2003 ProQuest Info&Learning
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 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999,The Gale Group
 File 20:Dialog Global Reporter 1997-2003/Feb 28
 (c) 2003 The Dialog Corp.
 File 148:Gale Group Trade & Industry DB 1976-2003/Feb 27
 (c)2003 The Gale Group
 File 553:Wilson Bus. Abs. FullText 1982-2003/Jan
 (c) 2003 The HW Wilson Co
 File 621:Gale Group-New Prod.Annou.(R) 1985-2003/Feb 27
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 (c) 2003 McGraw-Hill Co. Inc
 File 635:Business Dateline(R) 1985-2003/Feb 28
 (c) 2003 ProQuest Info&Learning
 File 636:Gale Group Newsletter DB(TM) 1987-2003/Feb 27
 (c) 2003 The Gale Group

Set	Items	Description
S1	1905623	TENSION??? OR TIGHT? OR STRETCH??? OR POSTTENSION? OR PRES-TRESS???
S2	64040	TENDON? ? OR TENON? ? OR GIRDER? ? OR STEEL() (CABLE? ? OR - WIRE? ? OR BAR OR BARS OR ROD OR RODS OR STRAND? ?)
S3	4937009	SHEATH??? OR CASING? ? OR ENCAS? OR COVER??? OR OVERLAYER? ? OR PROTECTIVE OR WRAP? ? OR WRAPP?
S4	15980	CORROSION(2N) (PROTECT? OR PREVENT? OR GUARD??? OR DEFEN? OR PRECAUTION?)
S5	7260109	STRIP OR STRIPPING OR REMOV??? OR PEEL OR PEELING OR PARE - OR PARING OR (TAKE OR TAKING OR CUT OR CUTTING)()OFF OR ((GET OR GETTING)()RID OR DISPOS???)()OF OR ELIMINAT??? OR CLEAR??? OR DETACH??? OR UNDO???
S6	563580	S5(2N) (WITHOUT OR "NOT" OR ABSENT OR BARRING OR OMIT? ? OR OMITTING OR "NO")
S7	4947229	S3 OR S4
S8	573	S2(2N)S7
S9	1582	S6(2N)S7
S10	15	S1(2N)S6
S11	0	S9 AND S10
S12	13	S10 NOT PY>2001
S13	13	S12 NOT PD=20010130:20030331
S14	12	RD (unique items)

14/3,K/1 (Item 1 from file: 9)
DIALOG(R) File 9:Business & Industry(R)
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01883962 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Western European plant aging issues: an overview

(Western European nuclear power plants are experiencing problems due to aging; nation by nation account is provided).

Nuclear Engineering International, p 23

June 1997

DOCUMENT TYPE: Journal ISSN: 0029-5507 (United Kingdom)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 3406

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...structural damage and for measuring effectiveness of concrete repair techniques; and long-term performance of **corrosion protection** for **prestressing tendons**. Also, AEA Technology has recently conducted reviews of the PCPV ageing at Oldbury, Hinkley Pt...

14/3,K/2 (Item 1 from file: 15)

DIALOG(R) File 15:ABI/Inform(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

01812438 04-63429

Triggering coverage under an "awareness clause" of a claims-made liability policy

Newman, Thomas R; Gioia, Michael L

Federation of Insurance & Corporate Counsel Quarterly v49n2 PP: 137-169

Winter 1999

ISSN: 0887-0942 JRNL CODE: FIC

WORD COUNT: 13670

...TEXT: the vertical and lateral load-bearing systems. Floor slabs were to be reinforced by post- **tension** cables (**tendons**) which are **encased** in plastic sheathes, anchored to one side and then covered by concrete; the unattached ends...

14/3,K/3 (Item 1 from file: 16)

DIALOG(R) File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

08071449 Supplier Number: 67341538 (USE FORMAT 7 FOR FULLTEXT)

Market POWER.

Kuennen, Tom

Concrete Products, v103, n10, p26

Oct, 2000

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 4106

... geometry, unlike a square or rectangle. The applications are vast." With spun casting, high strength **prestressing steel strands** are **wrapped** with spiral wire, and are locked into tension plates at each end of the mold...

14/3,K/4 (Item 1 from file: 160)

DIALOG(R) File 160:Gale Group PROMT(R)

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00805409

Patlex has won its patent suit involving a 15% income interest in the patent.

Wall Street Journal 3 Star, Eastern SP Edition August 17, 1982 p. 34

A Delaware federal judge decided that a patent covering tendons for post-tensioned prestressed concrete, held by F Lang, is worthy and has been infringed by Prescon. ...

14/3,K/5 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

05161136 SUPPLIER NUMBER: 10733068 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Design simplifies construction, but not the job: precast deck forms speed rebar and concrete placement atop continuous girders embedded in pier caps. (SR 20, land bridge, Tennessee) (includes project profile)

Klemens, Thomas L.

Highway & Heavy Construction, v134, n6, p44(2)

May, 1991

ISSN: 0362-0506

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1009

LINE COUNT: 00072

... cross one of western Tennessee's longest land bridges. The spans incorporate a continuous steel girder design, with encasing , post-tensioned concrete pier caps.

PHOTO : Post-tensioning ducts and cables pass through the girder webs above...

14/3,K/6 (Item 1 from file: 624)

DIALOG(R)File 624:McGraw-Hill Publications

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01145530

Linbeck Heads A&M Investigation

Texas Construction January, 2000; Pg 6; Vol. 8, No. 1

Journal Code: TC

ISSN: 1077-1867

Section Heading: MARKET SECTOR NEWS: BUILDING

Word Count: 493

Full text available in Formats 5, 7 and 9

TEXT:

... is cut in half longitudinally. The two sections are fitted together and bolted together and wrapped in steel cable , which is tightened and nailed down, said Kibler. The pole is sunk 15 ft. into the ground and...

14/3,K/7 (Item 2 from file: 624)

DIALOG(R)File 624:McGraw-Hill Publications

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01137695

OUTSTANDING ENGINEERING PROJECT

Intermountain Contractor December 1998; Pg 28; Vol, 56, No. 12

Journal Code: IC

ISSN: 0020-7164

Section Heading: BEST OF 1998 AWARDS: BEST OF UTAH

Word Count: 516

Full text available in Formats 5, 7 and 9

TEXT:

... unique structural aspect is the 400-car parking structure, which was built using bonded post-tension technology. Steel cables are encased in a PVC duct, and after being stressed the duct is filled with grout, giving...

14/3,K/8 (Item 3 from file: 624)
DIALOG(R) File 624: McGraw-Hill Publications
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01056074

TEXAS BONFIRE PROBE UNDER WAY

Engineering News-Record December 6, 1999; Pg 15; Vol. 243, No. 22

Journal Code: ENR ISSN: 0013-807X

Section Heading: NEWS SITE

Word Count: 490 *Full text available in Formats 5, 7 and 9*

BYLINE:

By Mary B. Powers

TEXT:

... is cut in half longitudinally. The two sections are fitted together and bolted together and **wrapped** in **steel cable**, which is **tightened** and nailed down, says Kibler. The pole is sunk 15 ft into the ground and...

14/3,K/9 (Item 4 from file: 624)
DIALOG(R) File 624: McGraw-Hill Publications
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00904486

STRUCTURES: Find the most cost-effective options: Wood is no longer the uncontested pole of choice as it has been in past times; nor are steel lattice towers the end all and be all for heavy transmission lines.

Electrical World December, 1997; Pg 38; Vol. 211, No. 12

Journal Code: EW ISSN: 0013-4457

Section Heading: TRANSMISSION

Word Count: 2,693 *Full text available in Formats 5, 7 and 9*

BYLINE:

By Bill Koch, PE, Contributing Editor

TEXT:

... are an engineered product with highly predictable behavior. Poles are manufactured by placing high-strength **prestressing steel strands**, **wrapped** with spiral wire in a mold. The prestressing strands are locked into tension plates at...

14/3,K/10 (Item 5 from file: 624)
DIALOG(R) File 624: McGraw-Hill Publications
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0222517

CH2M Hill, pipe maker liable in defect ruling

Engineering News-Record June 21, 1990; Pg 24; Vol. 224, No. 25

Journal Code: ENR ISSN: 0013-807X

Section Heading: News

Word Count: 441 *Full text available in Formats 5, 7 and 9*

BYLINE:

Bob Boyle in St. Petersburg

TEXT:

...for 12 miles and 54 in. for 1.5 miles. It comprises a steel cylinder **wrapped** with **steel strands** under **tension** to prestress it, then coated with concrete inside and out.

Bryson concluded that Interpace and...

14/3/K/11 (Item 6 from file: 624)
DIALOG(R) File 624: McGraw-Hill Publications
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0056749

Florida agency will sue over water line failure

Engineering News-Record February 11, 1988, Pg 15; Vol. 220, No. 6

Journal Code: ENR ISSN: 0013-807X

Section Heading: News

Word Count: 357 *Full text available in Formats 5, 7 and 9*

TEXT:

... what was then the Lock Joint Products Division of Interpace Corp. The steel pipe was **wrapped** with **steel strands** under **tension** to prestress it and then coated with concrete inside and out. Heath says the wire...

14/3,K/12 (Item 7 from file: 624)
DIALOG(R) File 624: McGraw-Hill Publications
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0004403

Manufacturers' Literature

Engineering News-Record June 20, 1985; Pg 98; Vol. 214, No. 25

Journal Code: ENR ISSN: 0013-807X

Section Heading: Manufacturers' Literature

Word Count: 7,345 *Full text available in Formats 5, 7 and 9*

TEXT:

...portland cement and mortar mixes. LARSEN PRODUCTS CORP.262

Prestressing tendon/Fact sheets describe unbonded, **corrosion protected prestressing tendon** used for, **prestressed** concrete structures, ground anchors, tanks, tensile roofs and other applications. The 7-wire, 270 ksi
...